

monitoring the future occasional paper series

Paper 93

***DEMOGRAPHIC SUBGROUP TRENDS AMONG YOUNG ADULTS
IN THE USE OF VARIOUS LICIT AND ILLICIT DRUGS***

1988–2018

Lloyd D. Johnston
John E. Schulenberg
Patrick M. O’Malley
Jerald G. Bachman
Richard A. Miech
Megan E. Patrick

Institute for Social Research
The University of Michigan
Ann Arbor, Michigan

2019

Monitoring the Future: A Continuing Study of the Lifestyles and Values of Youth

As its title suggests, this study is intended to assess the changing lifestyles, values, and preferences of American youth on a continuing basis. Each year since 1975, at least 13,000 high school seniors have participated in the annual survey, which is conducted in some 130 high schools nationwide. Since 1991, the study's annual surveys also have included surveys of similar nationally representative samples of eighth- and tenth-grade students. In addition, subsamples of high school seniors from previously participating classes receive follow-up questionnaires by mail each year.

This Occasional Paper Series is intended to disseminate a variety of products from the study, including pre-publication (and somewhat more detailed) versions of journal articles, other substantive articles, and methodological papers.

A full listing of occasional papers and other study reports is available on the study's website, www.monitoringthefuture.org. The website contains a complete listing of all publications from the study, the abstracts or full text of many of these publications, and recent press releases.

The mailing address of Monitoring the Future is Institute for Social Research, The University of Michigan, P.O. Box 1248, Ann Arbor, MI 48106.

Occasional Paper 93

***DEMOGRAPHIC SUBGROUP TRENDS AMONG YOUNG ADULTS
IN THE USE OF VARIOUS LICIT AND ILLICIT DRUGS***

1988-2018

Lloyd D. Johnston
John E. Schulenberg
Patrick M. O'Malley
Jerald G. Bachman
Richard A. Miech
Megan E. Patrick

Institute for Social Research
The University of Michigan
Ann Arbor, Michigan

2019

Acknowledgments

The Monitoring the Future project is supported by Grant Numbers R01DA001411 and R01DA016575 from the National Institute on Drug Abuse. The content of this occasional paper is solely the responsibility of the authors and does not necessarily represent the official views of the National Institute on Drug Abuse or the National Institutes of Health.

©Published 2019

Public Domain Notice

All materials appearing in this publication are in the public domain and may be reproduced or copied, whether in print or non-print media including derivatives, in any reasonable manner, without permission from the authors. If you plan to modify the material, please indicate that changes were made and contact MTF at mtfinformation@umich.edu for verification of accuracy. Citation of the source is appreciated, including at least the following: Monitoring the Future, Institute for Social Research, The University of Michigan.



<http://creativecommons.org/licenses/by/4.0/>

Recommended Citation

Johnston, L. D., Schulenberg, J. E., O'Malley, P. M., Bachman, J. G., Miech, R. A., & Patrick, M.E. (2019). *Demographic subgroup trends among young adults in the use of various licit and illicit drugs, 1988–2018* (Monitoring the Future Occasional Paper 93). Ann Arbor, MI: Institute for Social Research. Available at monitoringthefuture.org/pubs/occapers/mtf-occ93.pdf.

**DEMOGRAPHIC SUBGROUP TRENDS AMONG YOUNG ADULTS
IN THE USE OF VARIOUS LICIT AND ILLICIT DRUGS
1988-2018**

CONTENTS

LIST OF FIGURES WITH ACCOMPANYING TABLES	iv
INTRODUCTION	ix
FIGURES	1

LIST OF FIGURES WITH ACCOMPANYING TABLES

Any Illicit Drug

By Gender (Figure 1)	1
By Region (Figure 2)	2
By Urbanicity (Figure 3)	3

Any Illicit Drug other than Marijuana

By Gender (Figure 4)	4
By Region (Figure 5)	5
By Urbanicity (Figure 6)	6

Marijuana

By Gender: Annual Use (Figure 7)	7
By Gender: 30-Day Use (Figure 8)	8
By Gender: Daily Use (Figure 9)	9
By Region: Annual, 30-Day, & Daily Use (Figure 10)	10
By Urbanicity: Annual Use (Figure 11)	11
By Urbanicity: 30-Day Use (Figure 12)	12
By Urbanicity: Daily Use (Figure 13)	13

Synthetic Marijuana

By Gender (Figure 14)	14
By Region (Figure 15)	15
By Urbanicity (Figure 16)	16

Inhalants

By Gender (Figure 17)	17
By Region (Figure 18)	18
By Urbanicity (Figure 19)	19

Hallucinogens

By Region (Figure 20)	20
By Urbanicity (Figure 21)	21

LSD

By Gender (Figure 22)	22
By Region (Figure 23)	23
By Urbanicity (Figure 24)	24

Hallucinogens Other Than LSD	
By Gender (Figure 25)	25
By Region (Figure 26)	26
By Urbanicity (Figure 27)	27
MDMA (Ecstasy, Molly)	
By Gender (Figure 28)	28
By Region (Figure 29)	29
By Urbanicity (Figure 30)	30
Salvia	
By Gender (Figure 31)	31
By Region (Figure 32)	32
By Urbanicity (Figure 33)	33
Cocaine	
By Gender (Figure 34)	34
By Region (Figure 35)	35
By Urbanicity (Figure 36)	36
Crack Cocaine	
By Gender (Figure 37)	37
By Region (Figure 38)	38
By Urbanicity (Figure 39)	39
Heroin	
By Gender (Figure 40)	40
By Region (Figure 41)	41
By Urbanicity (Figure 42)	42
Narcotics Other Than Heroin	
By Gender (Figure 43)	43
By Region (Figure 44)	44
By Urbanicity (Figure 45)	45
OxyContin	
By Gender (Figure 46)	46
By Region (Figure 47)	47
By Urbanicity (Figure 48)	48

Vicodin	
By Gender (Figure 49)	49
By Region (Figure 50)	50
By Urbanicity (Figure 51)	51
Amphetamines	
By Gender (Figure 52)	52
By Region (Figure 53)	53
By Urbanicity (Figure 54)	54
Ritalin	
By Gender (Figure 55)	55
By Region (Figure 56)	56
By Urbanicity (Figure 57)	57
Adderall	
By Gender (Figure 58)	58
Methamphetamine	
By Gender (Figure 59)	59
By Region (Figure 60)	60
By Urbanicity (Figure 61)	61
Crystal Methamphetamine (Ice)	
By Gender (Figure 62)	62
By Region (Figure 63)	63
By Urbanicity (Figure 64)	64
Bath Salts (Synthetic Stimulants)	
By Gender (Figure 65)	65
By Region (Figure 66)	66
By Urbanicity (Figure 67)	67
Sedatives (Barbiturates)	
By Gender (Figure 68)	68
By Region (Figure 69)	69
By Urbanicity (Figure 70)	70

Tranquilizers	
By Gender (Figure 71)	71
By Region (Figure 72)	72
By Urbanicity (Figure 73)	73
Rohypnol	
By Gender (Figure 74)	74
By Region (Figure 75)	75
GHB	
By Gender (Figure 76)	76
By Region (Figure 77)	77
By Urbanicity (Figure 78)	78
Ketamine	
By Gender (Figure 79)	79
By Region (Figure 80)	80
By Urbanicity (Figure 81)	81
Alcohol	
By Gender: 30-Day Use (Figure 82)	82
By Gender: Daily Use (Figure 83)	83
By Gender: Binge Drinking (Figure 84)	84
By Gender: Binge Drinking by College Status (Figure 85)	85
By Region: 30-Day Use, Daily Use & Binge Drinking (Figure 86)	86
By Urbanicity: Annual Use (Figure 87)	87
By Urbanicity: 30-Day Use (Figure 88)	88
By Urbanicity: Daily Use (Figure 89)	89
By Urbanicity: Binge Drinking (Figure 90)	90
Cigarettes	
By Gender: 30-Day Use (Figure 91)	91
By Gender: Daily Use (Figure 92)	92
By Gender: Daily Half Pack or More (Figure 93)	93
By Region: 30-Day, Daily, & Daily Half Pack or More Use (Figure 94)	94

By Urbanicity: 30-Day Use (Figure 95)	95
By Urbanicity: Daily Use (Figure 96)	96
By Urbanicity: Daily Half Pack or More (Figure 97)	97
Tobacco using a Hookah	
By Gender (Figure 98)	98
By Region (Figure 99)	99
By Urbanicity (Figure 100)	100
Small Cigars	
By Gender (Figure 101)	101
By Region (Figure 102)	102
By Urbanicity (Figure 103)	103
Dissolvable Tobacco	
By Gender (Figure 104)	104
By Region (Figure 105)	105
By Urbanicity (Figure 106)	106
Snus	
By Gender (Figure 107)	107
By Region (Figure 108)	108
By Urbanicity (Figure 109)	109

INTRODUCTION

This occasional paper presents subgroup findings from the Monitoring the Future (MTF) study on levels of, and trends in, the use of a number of substances for nationally representative samples of high school graduates ages 19–30. The data have been gathered in a series of follow-up surveys of representative subsamples of high school seniors who were first surveyed in 12th grade as part of the MTF study. Therefore, the universe being described omits people who did not complete high school—between 8 and 15% of each age group, with the most recent class cohorts closer to the bottom of that range.¹ Surveys of the graduating cohorts of high school seniors started in 1976 and have continued with each graduating class since. Data were first available for the 19–22 age group in 1980 and for the older age groups in subsequent years, as the tables and figures in this occasional paper indicate.

The general epidemiological findings from these samples are discussed in *Volume II* of the annual monograph series.² The subgroup trends shown in the current occasional paper complement the last section of Chapter 5 (Trends in Drug Use in Early and Middle Adulthood) of that monograph by presenting the trend data for young adult subgroups in both graphic and tabular form. The results are described and discussed in Chapter 5, but the extensive set of tables and figures is provided here for the reader who wishes to view the figures and the underlying numerical values.

Three demographic dimensions are differentiated: gender, region of the country, and population density. Gender includes trends for males and females; region describes trends for each of the four major regions defined by the U.S. Census³; and population density differentiates trends for five levels of community size.⁴

The Table of Contents and List of Figures in this occasional paper contain links to the content and figures herein. Following each figure is a table giving the numerical values associated with each trend line in that figure.

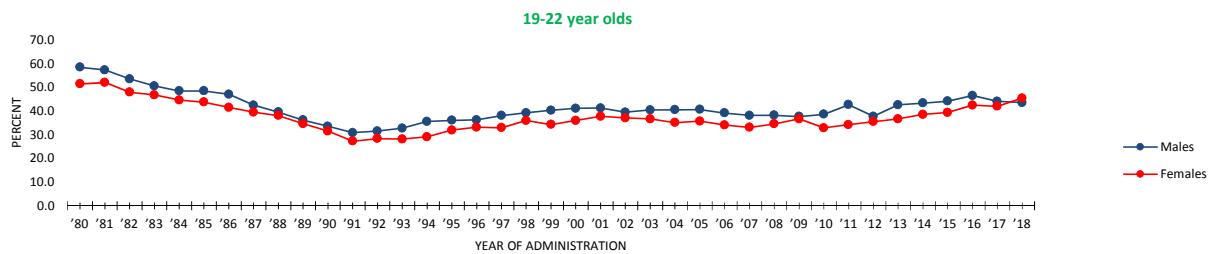
¹U.S. Census Bureau. (various years). Current population reports, Series P-20, [various numbers]. Washington, DC: U.S. Government Printing Office. Available at <http://www.census.gov/cps/data/cpstablecreator.html>

²Schulenberg, J. E., Johnston, L. D., O’Malley, P. M., Bachman, J. G., Miech, R. A., & Patrick, M.E. (2019). *Monitoring the Future national survey results on drug use, 1975–2018. Volume II: College students and adults ages 19–55*. Ann Arbor: Institute for Social Research, The University of Michigan.

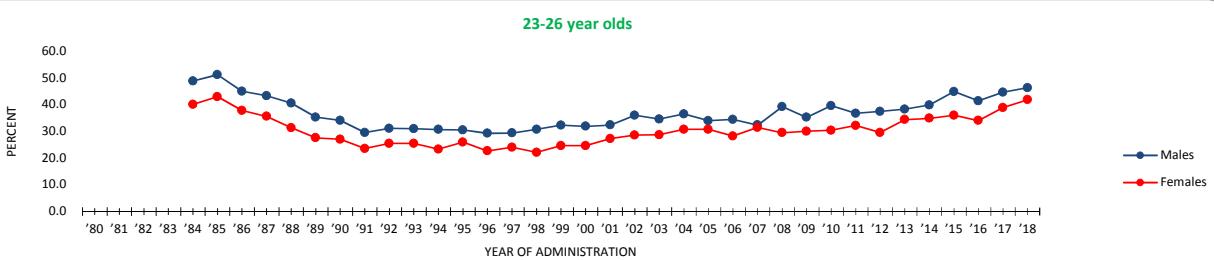
³Beginning in 1987, a question about state of residence was added to all follow-up questionnaires, permitting trend data to be calculated for the four regions of the country since then. The four regions are: Northeast, Midwest, South, and West.

⁴Based on the respondent’s answer to the question, “During March of this year did you live mostly ...,” five levels of population density are distinguished: in a very large city (over 500,000 people); in a large city (100,000 to 500,000); in a medium-sized city (50,000 to 100,000); in a small city or town (under 50,000); and on a farm/in the country.” Data on the suburbs of cities of each size were combined with the corresponding city.

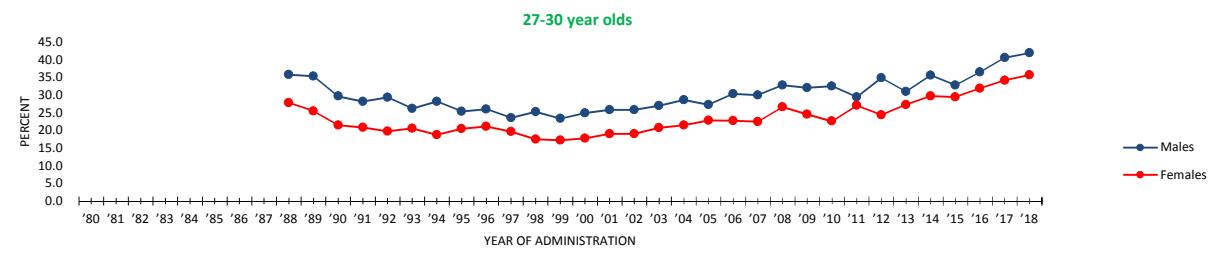
FIGURE 1
Trends in Annual Any Illicit Drug Use by Gender (4 yr. Age Groupings)



	'17-'18																								
Males	58.5 57.4 53.6 50.6 48.5 48.5 47.1 42.5 39.6 36.2 33.6 30.9 31.6 32.8 35.6 36.1 36.3 38.1 39.3 40.4 41.2 41.3 40.6 40.7 39.2 38.2 38.3 37.7 38.6 42.7 43.4 44.2 46.5 44.1 43.6 -0.5																								
Females	51.5 52.1 48.0 46.8 44.7 43.8 41.6 39.5 38.1 34.7 31.6 27.3 28.4 28.2 29.1 32.0 33.2 33.0 36.0 34.3 36.0 37.8 37.1 36.7 35.1 35.7 34.2 33.1 34.6 36.7 32.9 34.3 35.6 36.7 38.6 39.4 42.5 45.5 +3.5																								



	'17-'18																								
Males	48.7 51.1 44.9 43.2 40.5 35.2 34.0 29.5 31.0 30.9 30.6 30.4 29.2 29.3 30.7 32.2 31.8 32.3 35.9 34.5 36.4 33.9 34.4 32.3 39.1 35.1 39.5 36.7 37.4 38.2 39.8 44.8 41.3 44.6 46.2 +1.8																								
Females	40.0 42.9 37.7 35.5 31.3 27.5 27.0 23.5 25.4 25.4 23.3 25.9 22.6 24.0 22.1 24.5 24.6 27.2 28.5 28.6 30.7 30.7 28.2 31.3 29.4 30.0 30.3 32.1 29.4 34.3 34.8 35.9 34.0 38.8 41.7 +2.9																								



	'17-'18																								
Males	35.8 35.4 29.7 28.2 29.4 26.2 28.2 25.4 26.0 23.6 25.3 23.4 24.9 25.8 25.8 27.0 28.7 27.3 30.3 30.0 32.8 32.1 32.6 29.5 34.9 31.0 35.7 32.8 36.5 40.6 42.0 +1.3																								
Females	27.8 25.5 21.5 20.9 19.8 20.6 18.8 20.5 21.1 19.7 17.5 17.2 17.7 19.1 19.1 20.8 21.5 22.9 22.8 22.5 26.6 24.6 22.6 27.1 24.4 27.3 29.8 29.5 31.9 34.2 35.7 +1.5																								

FIGURE 2
Trends in Any Illicit Drug Use by Region (1-10 yrs. Past High School)

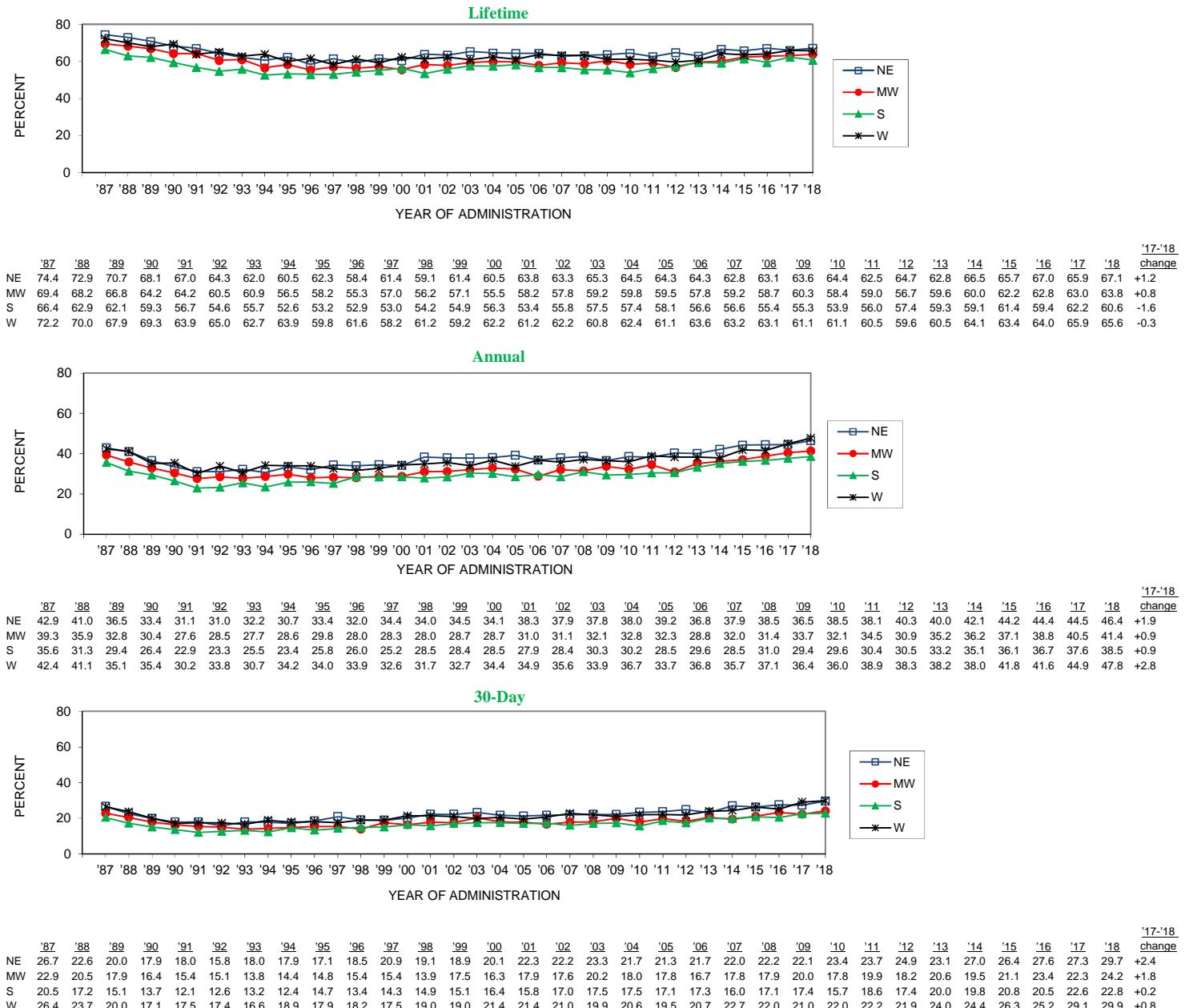


FIGURE 3
Trends in Annual Any Illicit Drug Use by Urbanicity (4 yr. Age Groups)

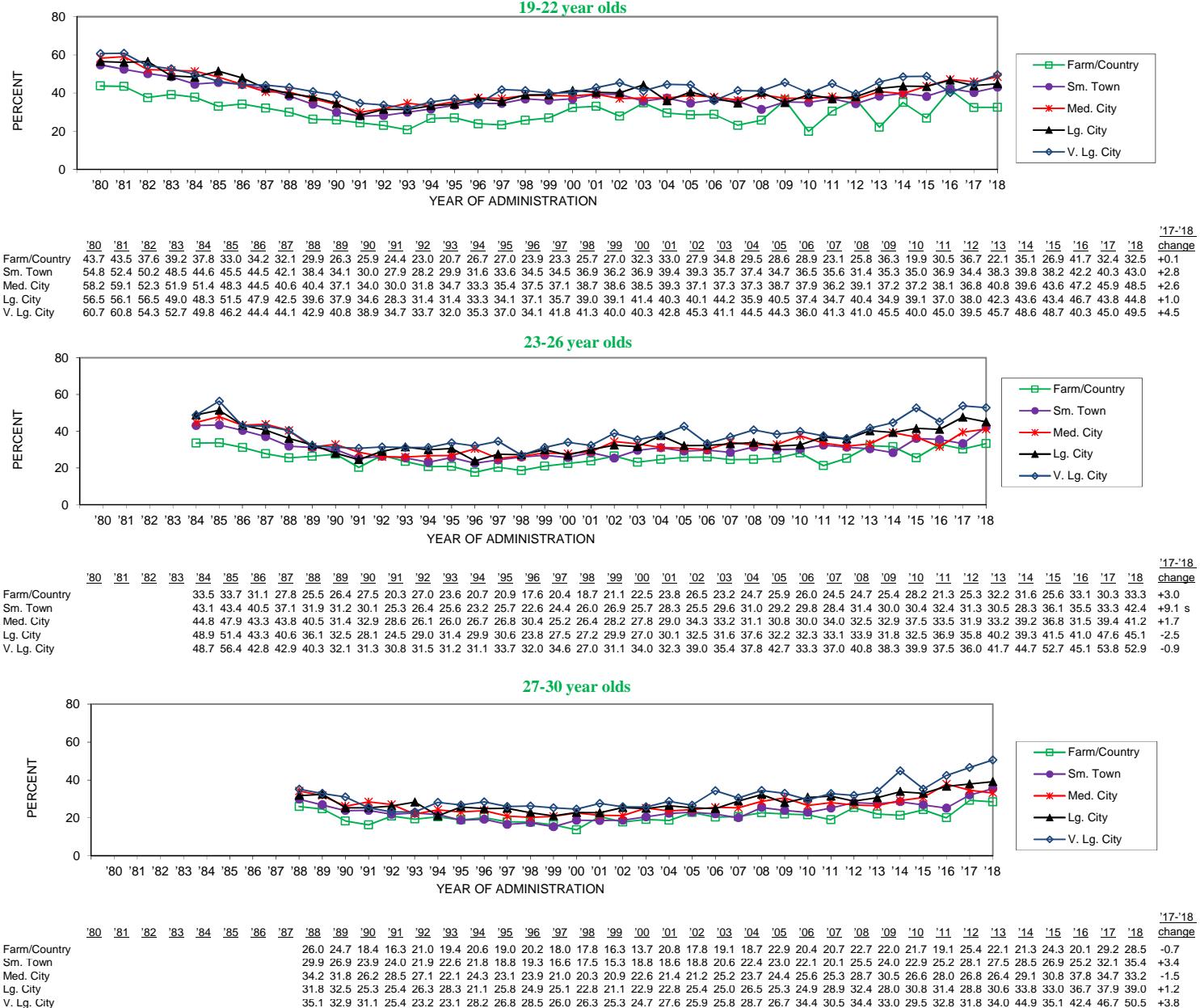


FIGURE 4
Trends in Annual Any Illicit Drug Other Than Marijuana Use by Gender (4 yr. Age Groupings)

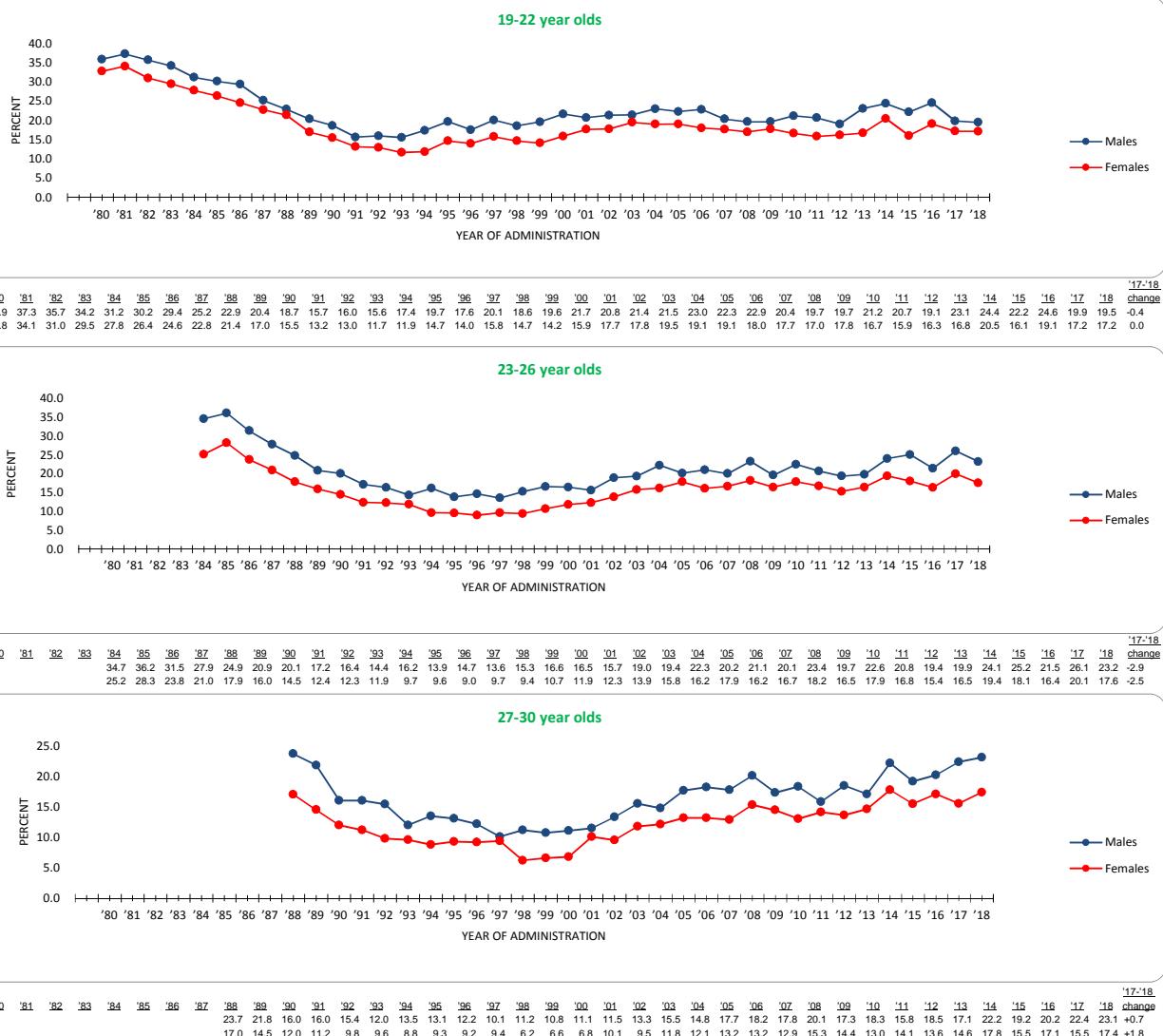


FIGURE 5
Trends in Any Illicit Drug Other Than Marijuana Use by Region (1-10 yrs. Past High School)

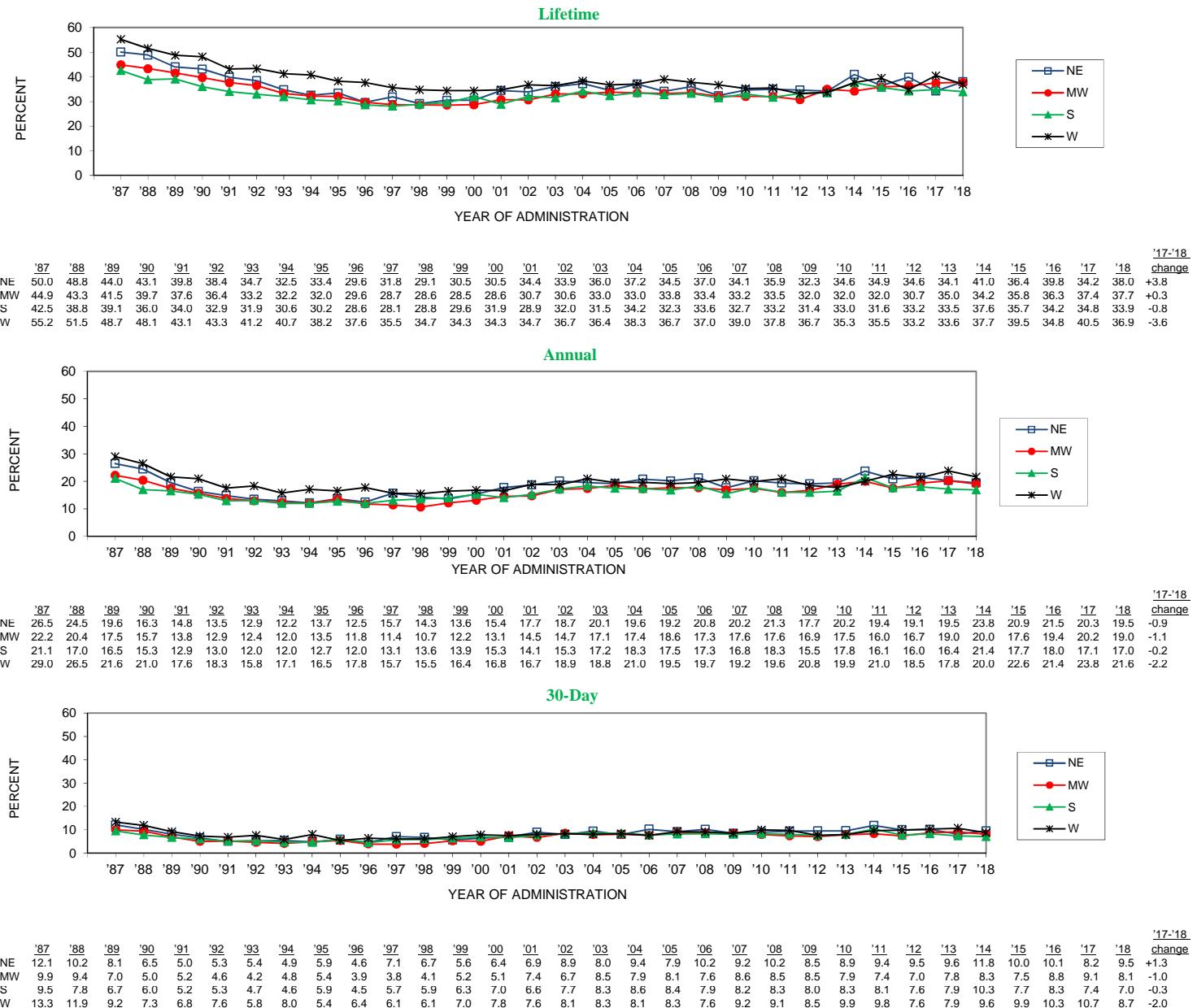


FIGURE 6
Trends in Annual Any Illicit Drug Other Than Marijuana Use by Urbanicity (4 yr. Age Groups)

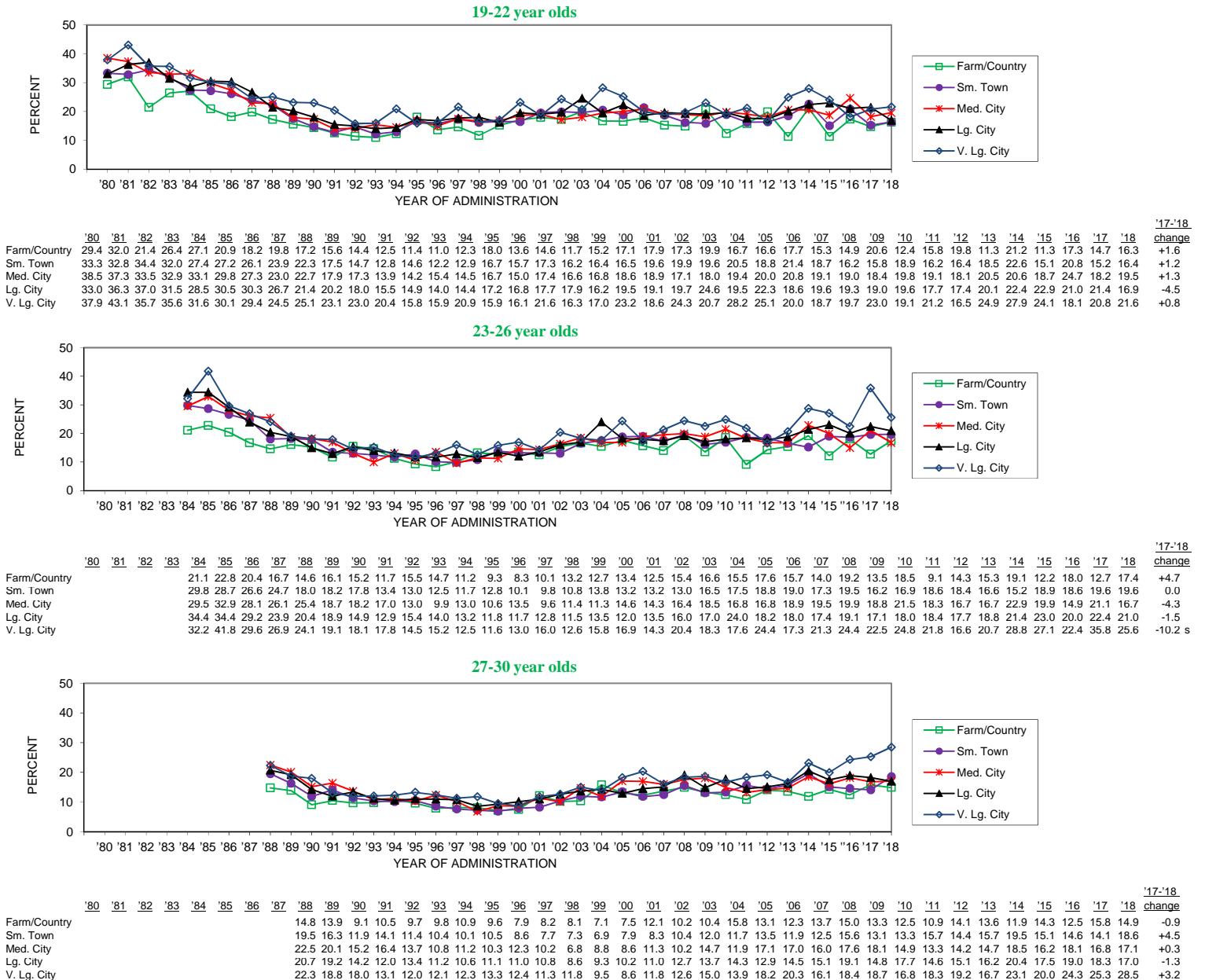
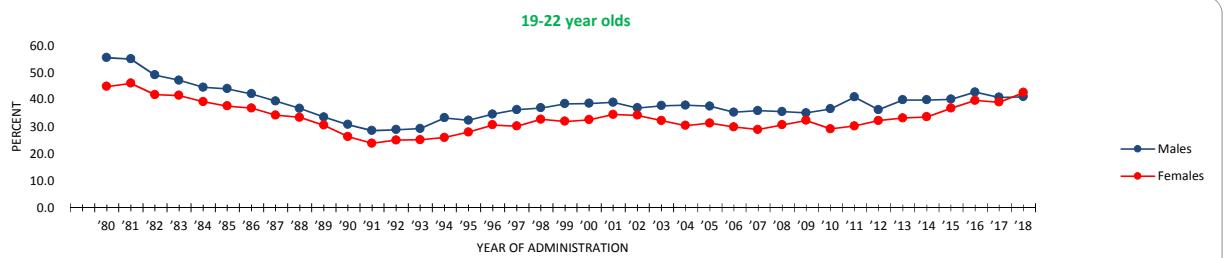
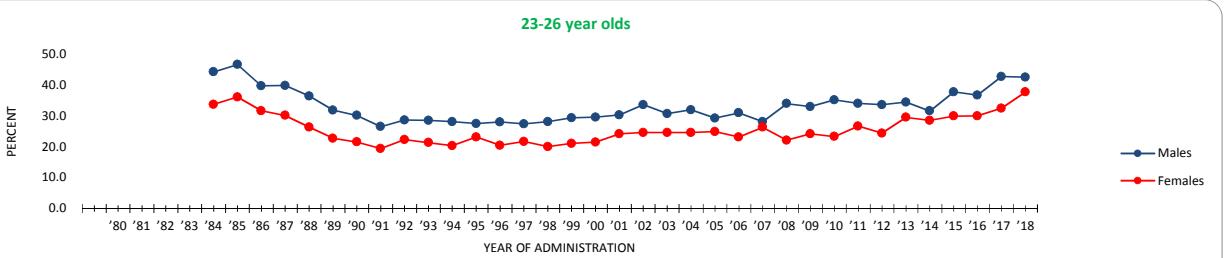


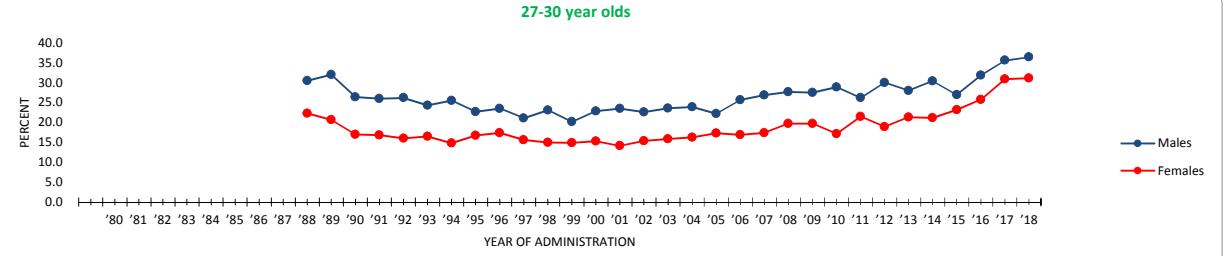
FIGURE 7
Trends in Annual Marijuana Use by Gender (4 yr. Age Groupings)



	'80		'81		'82		'83		'84		'85		'86		'87		'88		'89		'90		'91		'92		'93		'94		'95		'96		'97		'98		'99		'00		'01		'02		'03		'04		'05		'06		'07		'08		'09		'10		'11		'12		'13		'14		'15		'16		'17		'18		'17-'18 change	
Males	55.6		55.1		49.2		47.2		44.6		44.1		42.2		39.5		36.8		33.6		30.8		28.6		28.9		29.3		33.3		32.4		34.7		36.3		37.0		38.5		38.7		39.0		37.0		37.8		38.0		37.6		35.4		36.0		35.6		35.1		36.6		41.0		36.3		39.9		39.9		40.2		42.8		40.9		41.1		+3.2	
Females	44.9		46.1		41.9		41.6		39.3		37.7		36.9		34.3		33.5		30.6		26.4		23.9		25.1		25.2		26.0		28.0		30.7		30.2		32.8		32.0		34.6		34.2		32.3		31.3		30.0		29.0		30.7		32.3		32.3		33.2		33.6		36.8		39.8		39.1		42.7		+3.5									



	'80		'81		'82		'83		'84		'85		'86		'87		'88		'89		'90		'91		'92		'93		'94		'95		'96		'97		'98		'99		'00		'01		'02		'03		'04		'05		'06		'07		'08		'09		'10		'11		'12		'13		'14		'15		'16		'17		'18		'17-'18 change	
Males	44.2		46.6		39.7		39.8		36.8		31.8		30.1		26.5		28.6		28.5		28.1		27.5		28.0		27.4		28.1		29.3		29.5		30.3		33.6		30.7		31.9		29.2		30.9		33.9		32.9		35.1		34.0		33.5		34.4		31.6		37.7		42.7		42.5		-0.2													
Females	33.7		36.1		31.6		30.1		26.3		22.7		21.5		19.4		22.3		21.3		20.3		23.1		20.4		21.7		20.0		21.1		21.5		24.2		24.6		24.5		24.6		24.8		23.1		26.3		22.1		24.1		23.3		26.6		24.4		28.5		28.5		30.0		32.4		37.7		45.2											



	'80		'81		'82		'83		'84		'85		'86		'87		'88		'89		'90		'91		'92		'93		'94		'95		'96		'97		'98		'99		'00		'01		'02		'03		'04		'05		'06		'07		'08		'09		'10		'11		'12		'13		'14		'15		'16		'17		'18		'17-'18 change	
Males	30.5		32.0		26.4		26.0		26.2		24.3		25.5		22.7		23.5		21.1		23.1		20.2		22.9		23.5		22.6		23.6		23.9		22.2		25.7		26.9		27.7		27.5		28.9		26.2		30.1		28.0		30.5		31.9		35.6		36.4		+0.8																			
Females	22.3		20.7		17.0		16.8		16.0		16.5		14.8		16.7		17.4		15.6		14.0		14.9		15.3		14.1		15.9		16.3		17.3		16.9		17.4		19.7		19.7		17.1		21.5		18.9		21.3		21.2		23.2		25.8		30.9		31.2		31.2		+0.3																	

FIGURE 8
Trends in 30-Day Marijuana Use by Gender (4 yr. Age Groupings)



FIGURE 9
Trends in Daily Marijuana Use by Gender (4 yr. Age Groupings)

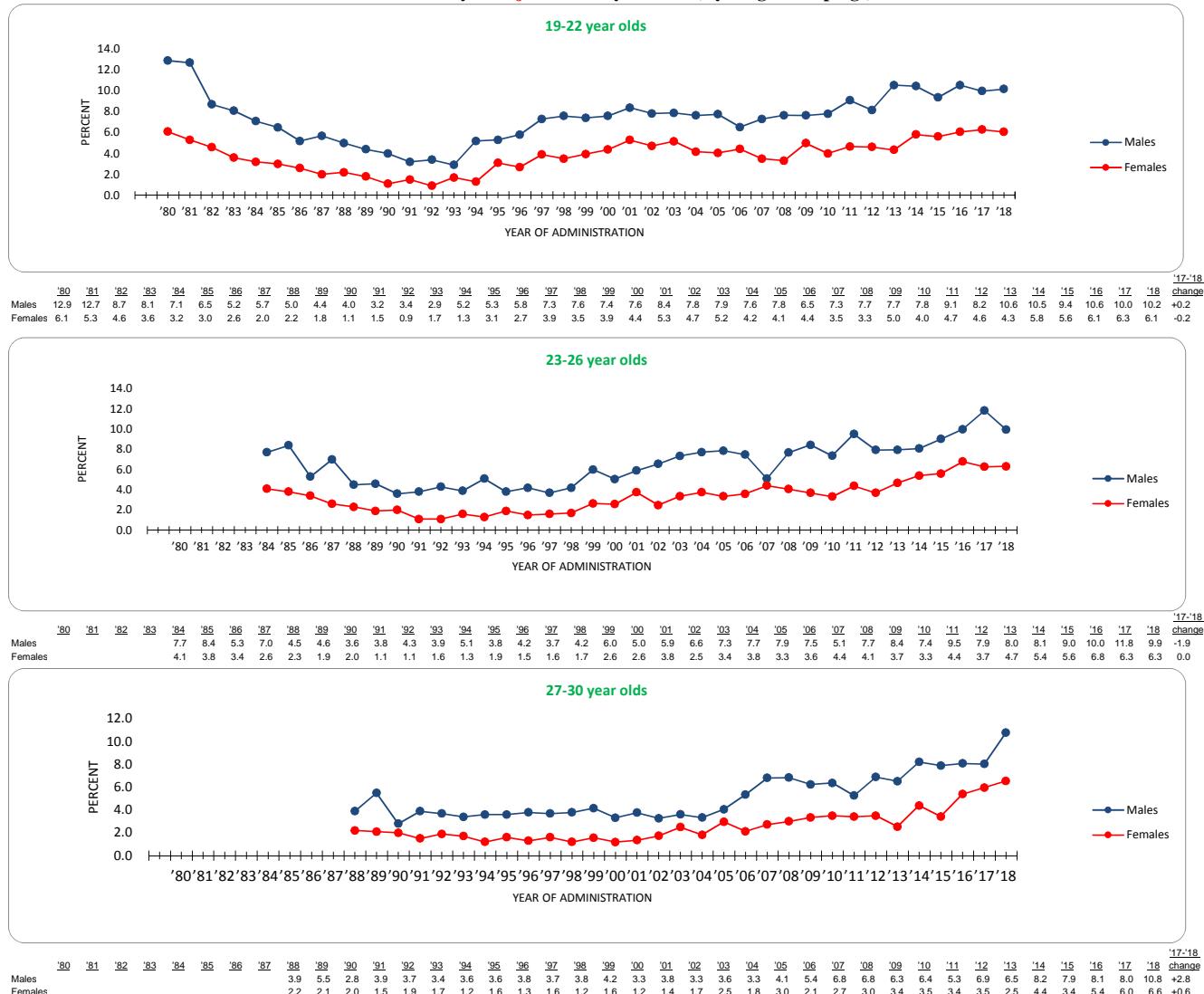


FIGURE 10
Trends in Marijuana Use by Region (1-10 yrs. Past High School)

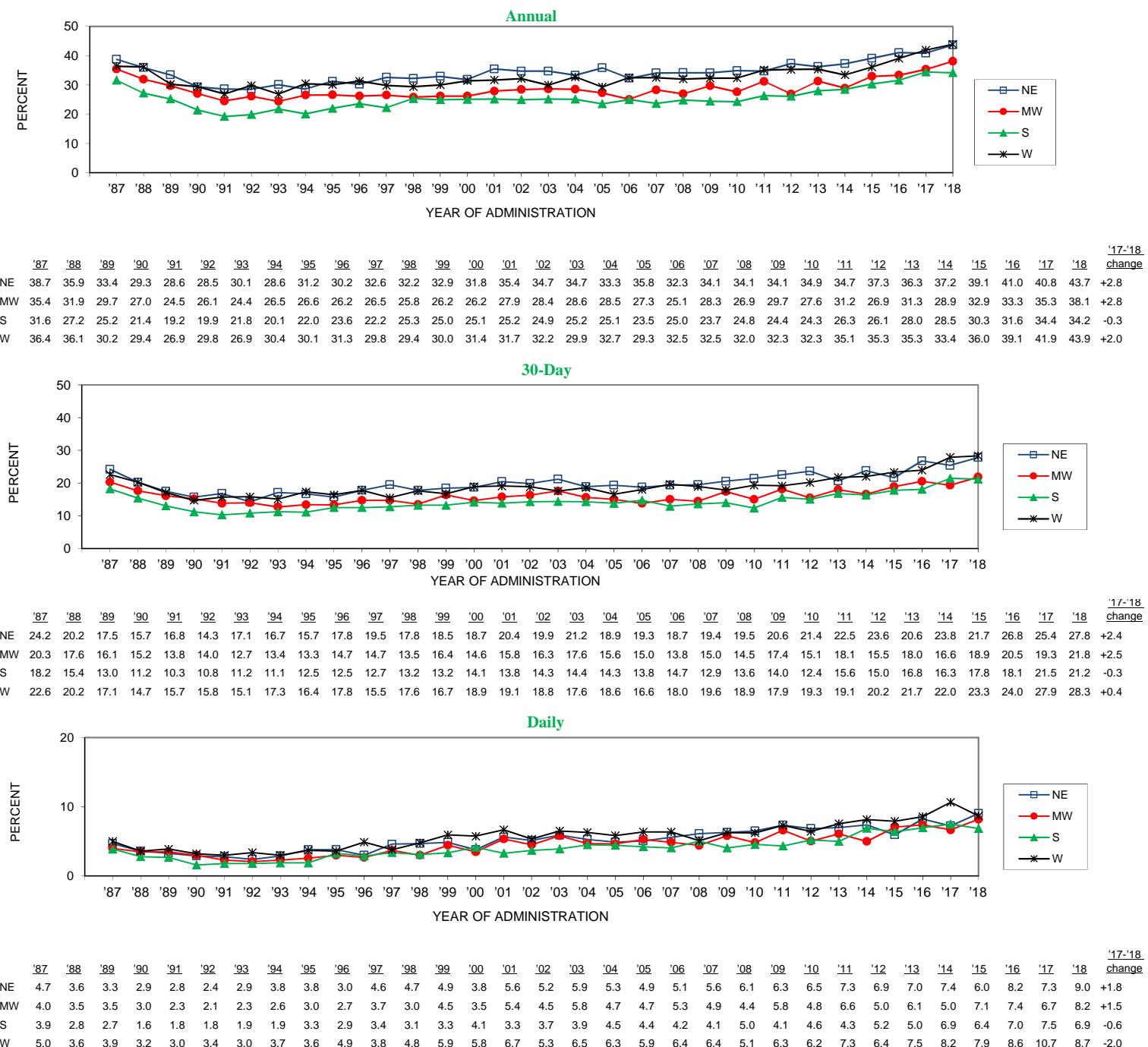


FIGURE 11
Trends in Annual Marijuana Use by Urbanicity (4 yr. Age Groups)

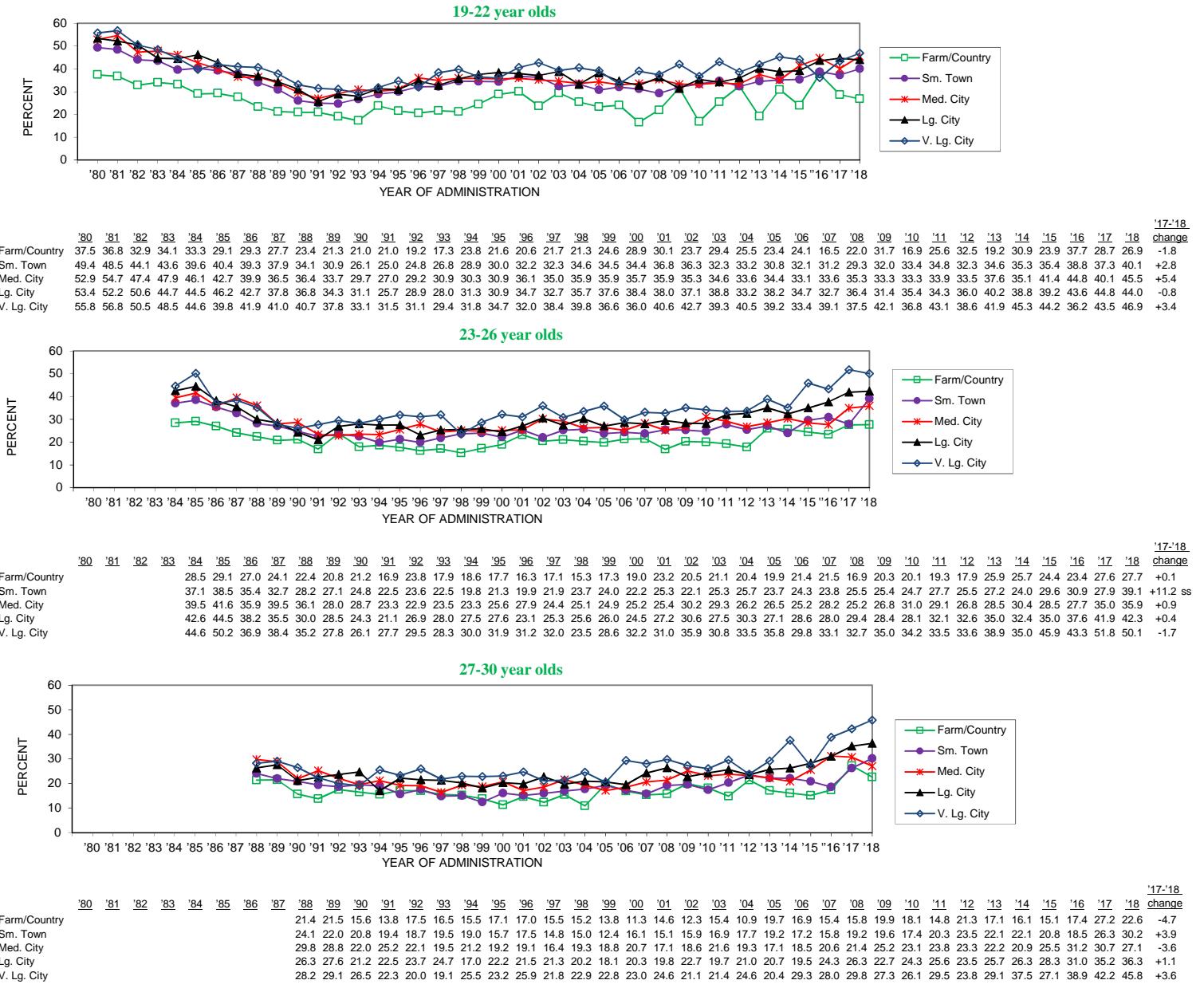
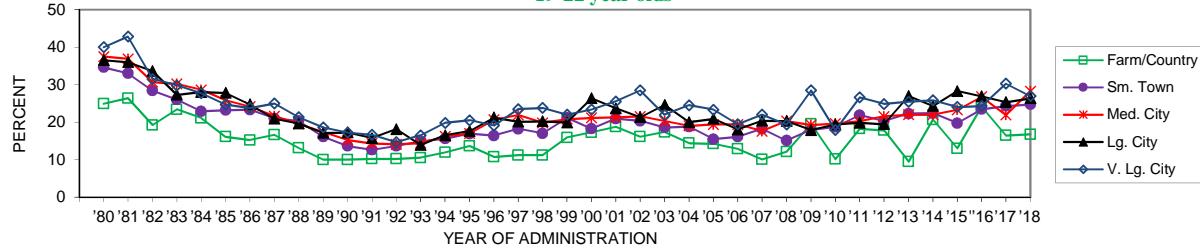


FIGURE 12
Trends in Thirty-Day Marijuana Use by Urbanicity (4 yr. Age Groups)

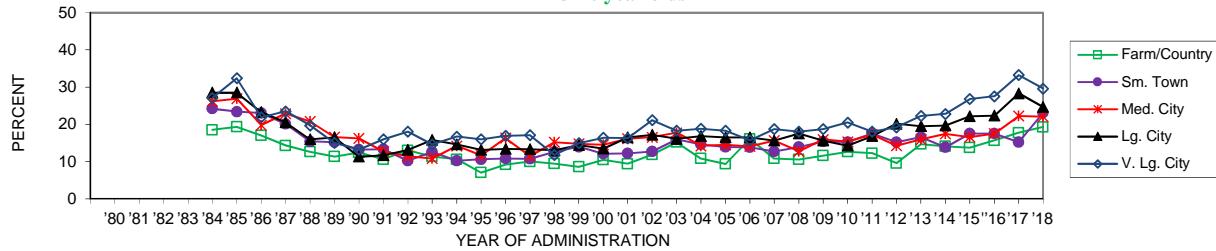
19-22 year olds



'17-'18

	'80	'81	'82	'83	'84	'85	'86	'87	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	change
Farm/Country	24.9	26.4	19.2	23.4	21.1	16.1	15.2	16.6	13.1	10.0	10.0	10.2	10.2	10.5	11.9	13.6	10.7	11.2	11.2	15.9	17.3	18.7	16.1	17.4	14.4	14.2	12.9	10.0	12.1	19.5	10.1	18.2	17.8	9.4	20.7	13.0	24.1	16.4	16.8	+0.3
Sm. Town	34.6	33.0	28.4	26.0	22.9	23.2	23.3	21.0	20.3	16.1	13.6	12.6	13.6	14.9	15.6	16.9	16.4	18.2	17.0	21.2	18.2	20.9	20.3	18.6	18.8	15.5	16.1	18.2	15.1	17.9	18.7	21.8	20.3	22.3	22.4	19.7	23.4	24.3	24.7	+0.4
Med. City	37.5	36.9	30.7	30.2	28.6	25.8	24.1	21.6	19.5	17.4	15.2	14.3	14.1	14.4	16.2	17.0	20.6	21.9	19.8	20.8	21.1	21.3	21.5	20.3	19.0	19.4	19.4	17.6	20.3	19.2	19.6	20.3	21.4	22.0	22.3	26.8	21.9	28.3	+6.4	
Lg. City	36.5	36.0	33.6	27.3	28.0	27.8	24.7	20.6	19.6	17.4	17.2	15.7	18.1	13.9	16.5	17.6	21.2	20.1	20.2	19.9	26.3	23.7	21.3	24.6	20.0	20.9	18.0	20.4	20.3	17.9	19.3	19.8	19.4	27.0	24.3	28.3	26.8	25.3	26.3	+1.0
V. Lg. City	40.0	42.8	31.5	29.8	27.7	24.7	23.8	25.0	21.3	18.6	17.2	16.6	14.7	16.5	19.8	20.5	19.1	23.5	23.8	22.0	23.4	25.5	28.5	22.0	24.5	23.3	19.4	22.0	19.4	28.5	17.9	26.6	24.9	25.4	24.0	24.3	30.3	26.9	-3.3	

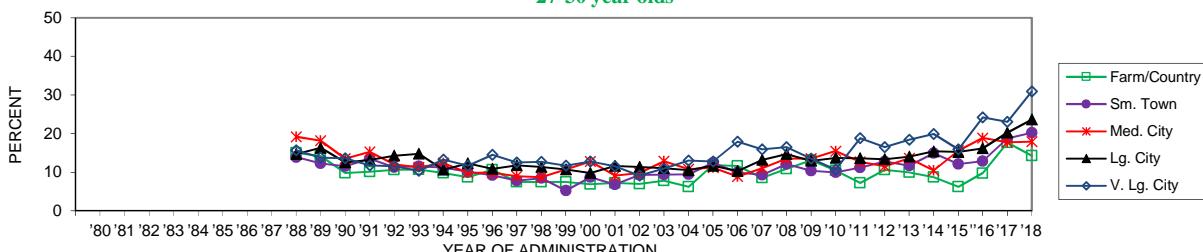
23-26 year olds



'17-'18

	'80	'81	'82	'83	'84	'85	'86	'87	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	change
Farm/Country	18.5	19.3	17.0	14.3	12.6	11.3	12.4	10.6	13.0	11.3	10.6	7.0	9.2	10.0	9.4	8.6	10.5	9.4	11.9	15.2	10.8	9.4	16.1	10.8	10.6	11.6	12.6	12.2	9.6	14.7	14.1	13.7	15.7	17.7	19.3	+1.6				
Sm. Town	24.2	23.4	23.0	20.1	15.4	15.2	13.2	13.3	10.2	12.6	10.2	10.6	10.8	12.6	13.9	12.1	12.2	12.7	15.9	14.6	13.9	13.8	12.7	13.9	15.3	15.2	17.5	15.2	16.6	13.8	17.5	17.5	15.2	23.1	+7.9					
Med. City	26.2	26.9	19.8	22.9	20.8	16.6	16.2	12.7	11.4	10.8	14.2	11.7	16.3	11.5	15.2	14.7	14.5	16.1	16.5	17.7	14.2	14.5	14.1	15.6	12.8	15.9	15.3	17.3	14.3	15.9	17.4	16.6	17.5	22.3	-0.2					
Lg. City	28.5	28.5	23.3	20.5	16.0	16.5	11.3	11.7	13.1	15.8	14.6	13.1	13.4	13.3	13.0	14.4	13.5	16.5	17.2	16.1	16.8	16.5	16.5	15.7	17.5	15.6	14.3	16.8	20.1	19.5	19.7	22.2	22.4	28.3	24.7	-3.6				
V. Lg. City	27.1	32.4	21.9	23.5	19.7	15.0	13.2	16.0	18.0	14.6	16.7	16.0	16.9	17.1	11.8	14.9	16.4	16.3	21.1	18.3	18.8	18.3	15.7	18.7	18.0	18.7	20.5	18.0	19.2	22.3	22.8	26.8	27.5	33.2	29.6	-3.6				

27-30 year olds



'17-'18

	'80	'81	'82	'83	'84	'85	'86	'87	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	change
Farm/Country	15.0	14.2	9.8	10.1	10.6	10.7	9.8	8.7	10.6	7.5	7.5	6.9	7.2	6.9	7.8	6.2	11.8	11.7	8.6	10.8	13.1	10.5	7.2	10.6	10.0	8.7	6.2	9.8	17.6	14.3	-3.3									
Sm. Town	13.9	12.3	11.5	13.5	11.3	11.5	11.2	10.1	9.2	7.8	8.5	5.3	8.7	6.8	9.3	9.4	9.5	12.4	9.9	9.3	12.1	10.4	10.0	11.2	12.8	11.7	14.9	12.1	12.9	18.7	20.3	+1.5								
Med. City	19.2	18.2	13.5	15.3	12.0	11.3	12.4	9.9	9.9	9.0	8.7	10.7	12.7	9.1	9.8	12.8	10.8	11.2	8.9	11.0	13.5	13.5	15.5	12.7	11.5	13.6	10.5	15.6	18.9	17.8	17.9	+0.1								
Lg. City	14.7	16.3	12.5	13.2	14.3	14.8	10.6	12.3	10.9	11.8	11.4	10.7	9.8	11.6	11.4	11.1	10.5	11.7	10.3	13.2	14.7	13.0	13.7	13.6	13.3	14.0	15.4	15.2	16.2	20.2	23.6	+3.4								
V. Lg. City	15.7	13.8	13.6	11.8	11.5	10.4	13.3	11.7	14.5	12.5	12.7	11.7	11.5	9.1	10.9	13.0	12.8	17.9	15.9	16.5	13.5	10.7	18.9	16.5	18.4	19.9	16.0	24.2	23.1	30.9	+7.8	s								

FIGURE 13
Trends in Daily Marijuana Use by Urbanicity (4 yr. Age Groups)

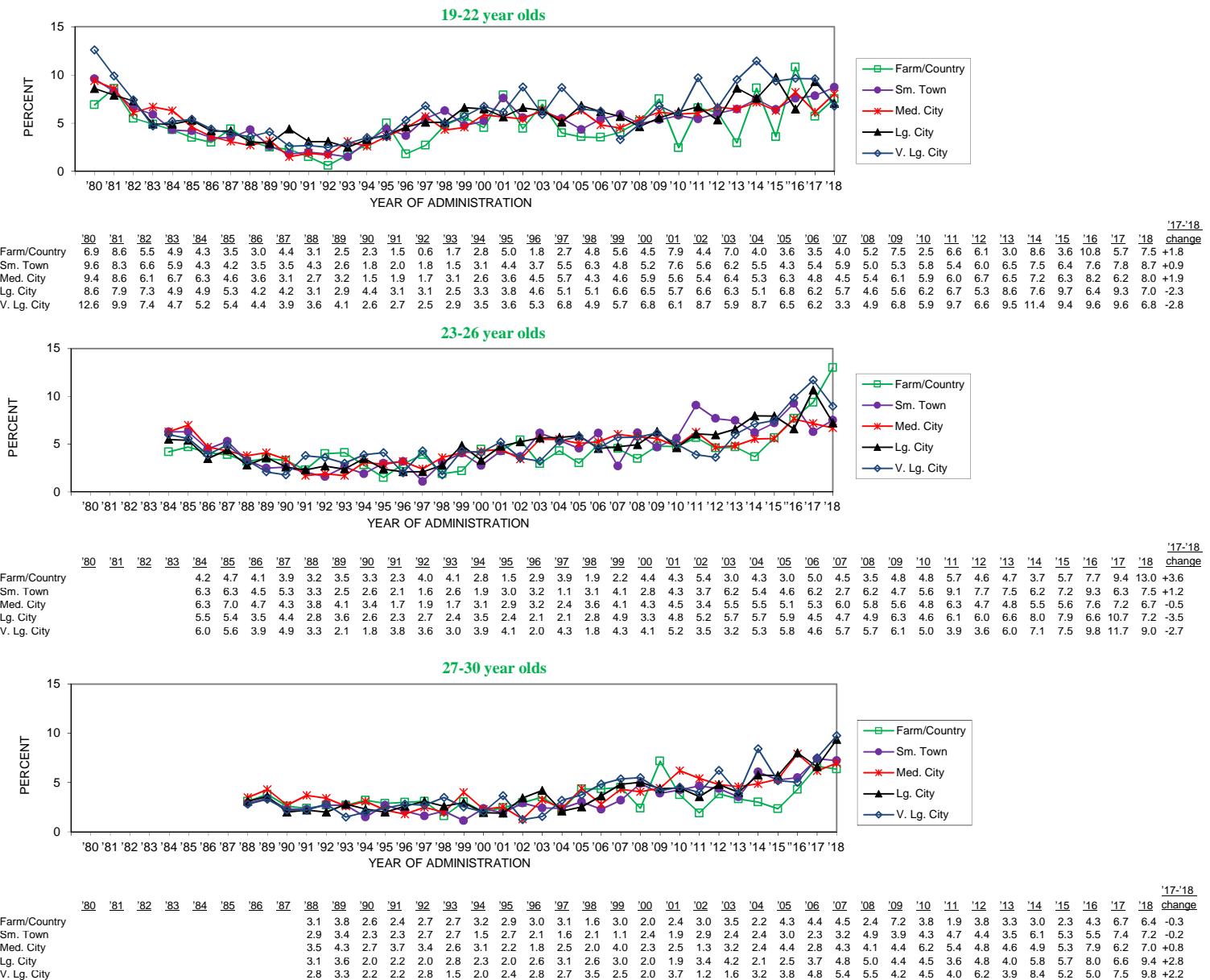


FIGURE 14
Trends in Annual Synthetic Marijuana Use by Gender (4 yr. Age Groupings)

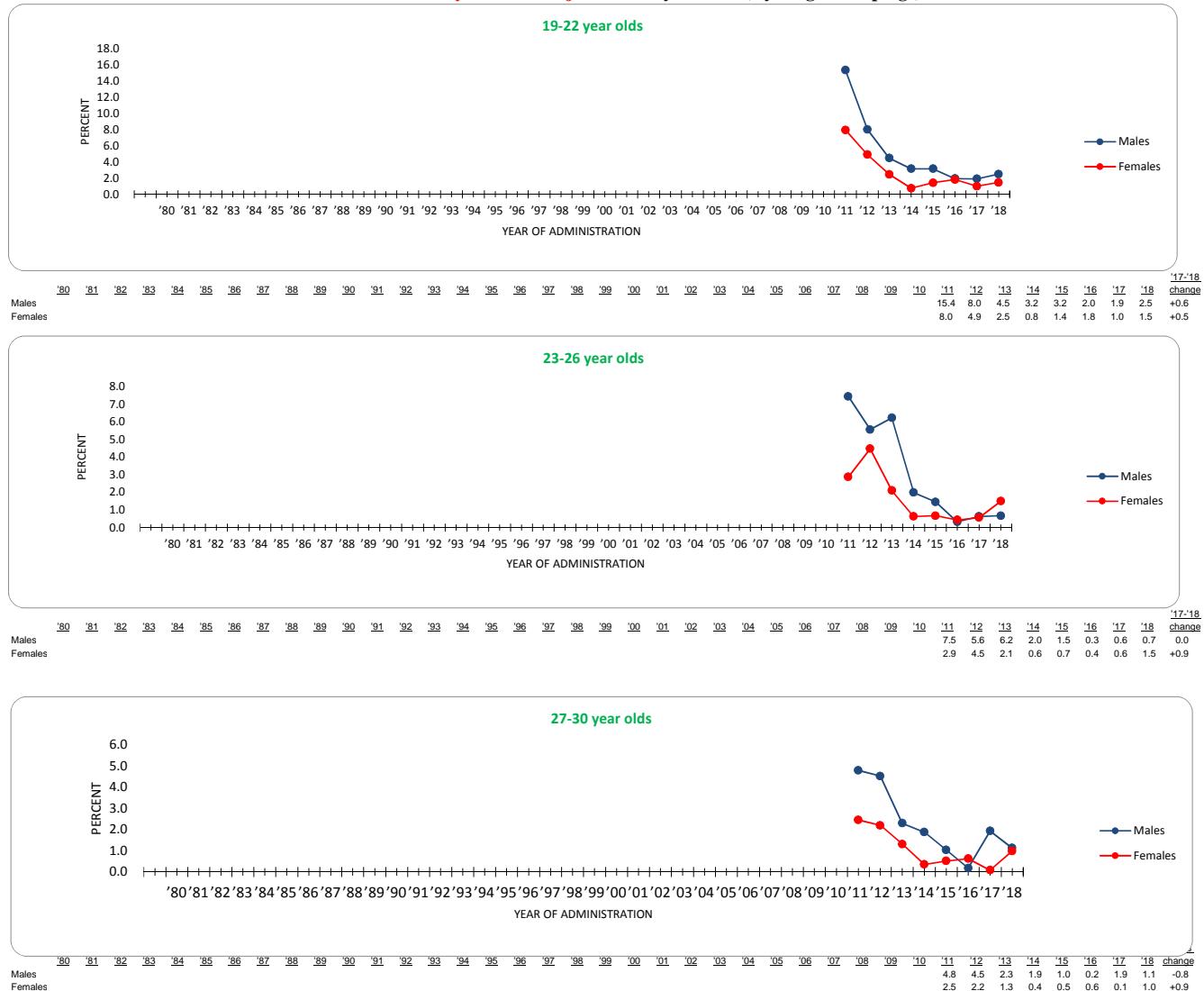


FIGURE 15
Trends in Synthetic Marijuana Use by Region (1-10 yrs. Past High School)

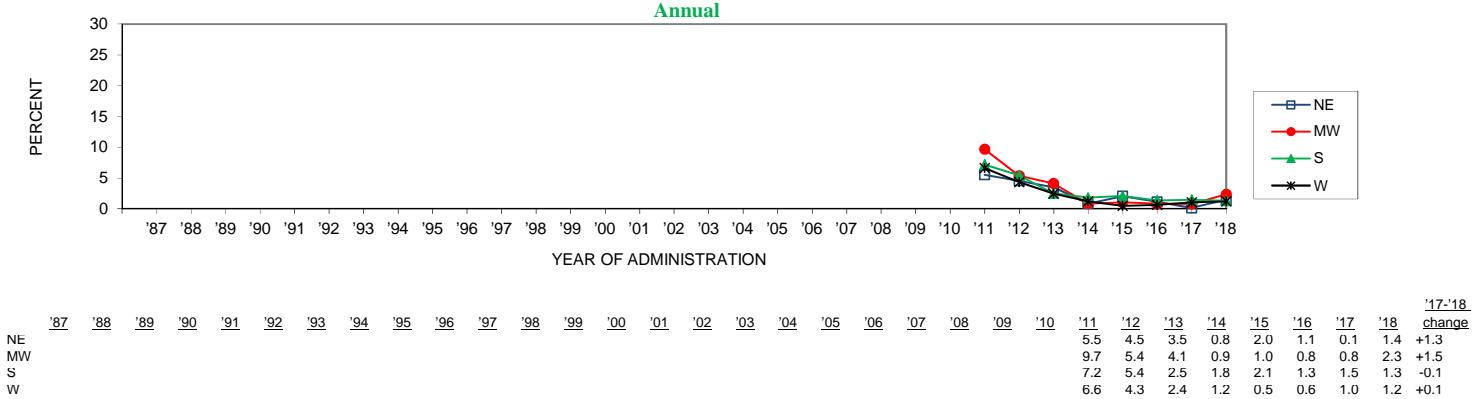


FIGURE 16
Trends in Annual Synthetic Marijuana Use by Urbanicity (4 yr. Age Groups)

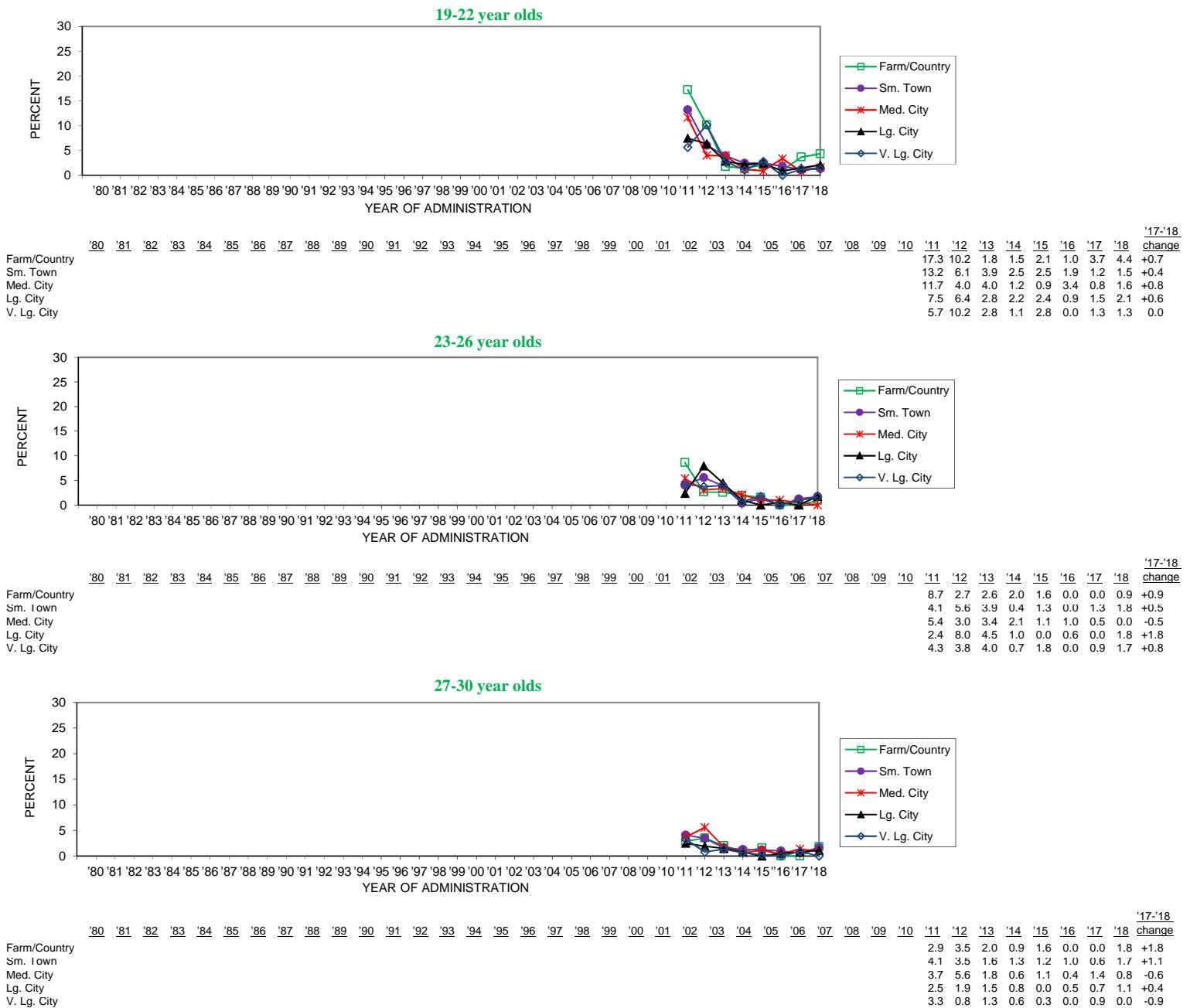


FIGURE 17
Trends in Annual Inhalant Use by Gender (4 yr. Age Groupings)

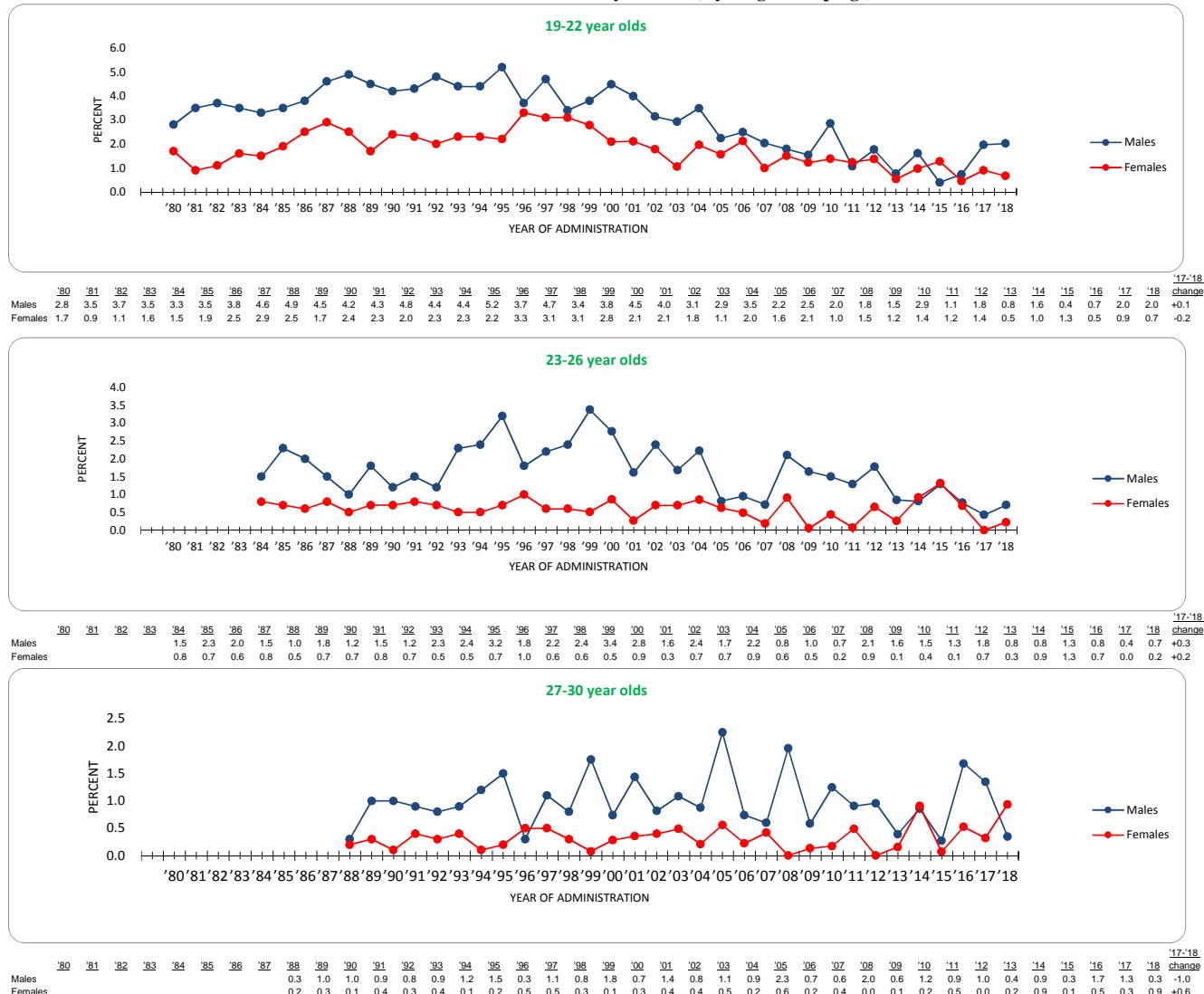


FIGURE 18
Trends in Inhalant Use by Region (1-10 yrs. Past High School)

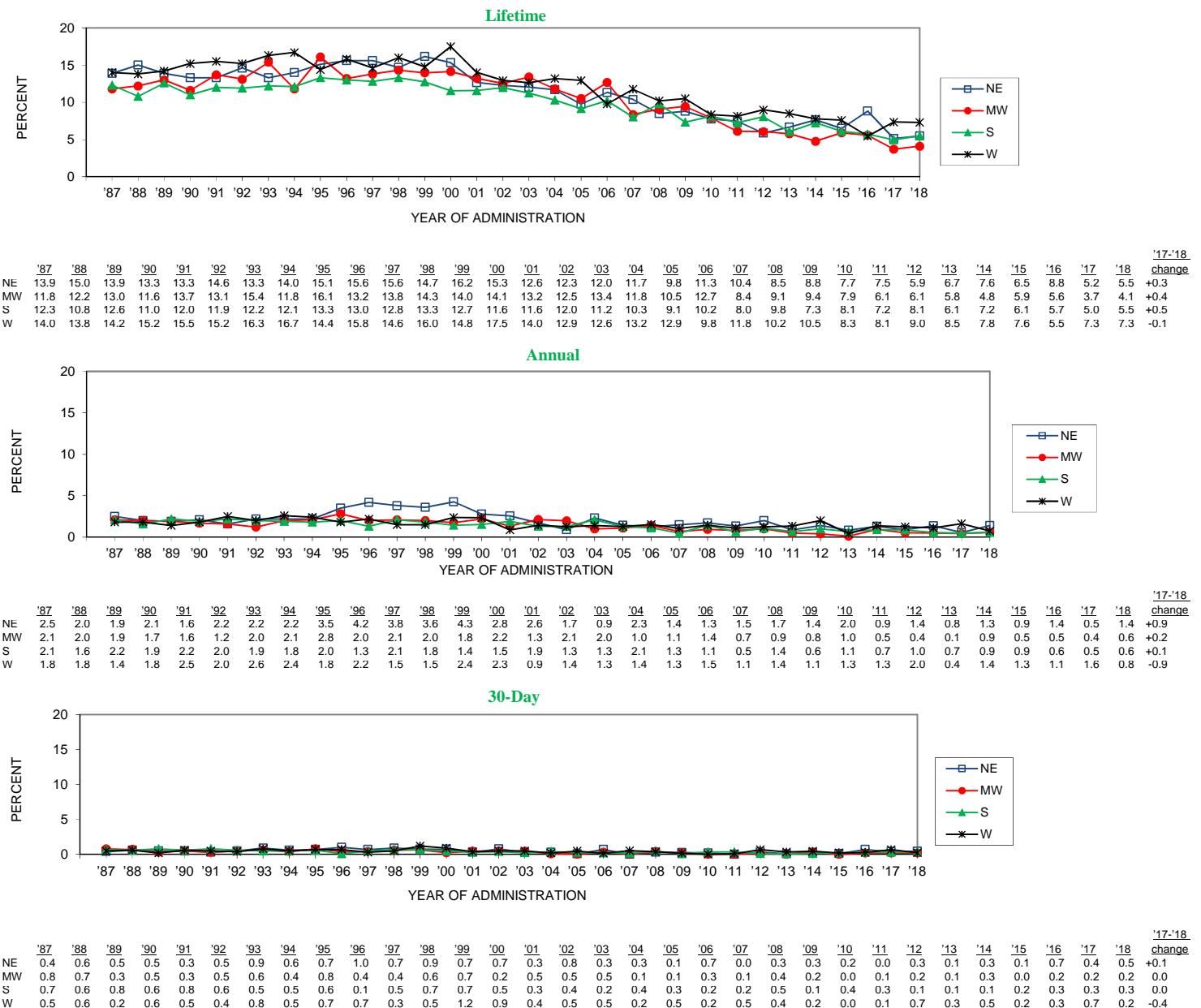


FIGURE 19
Trends in Annual **Inhalant Use** by Urbanicity (4 yr. Age Groups)

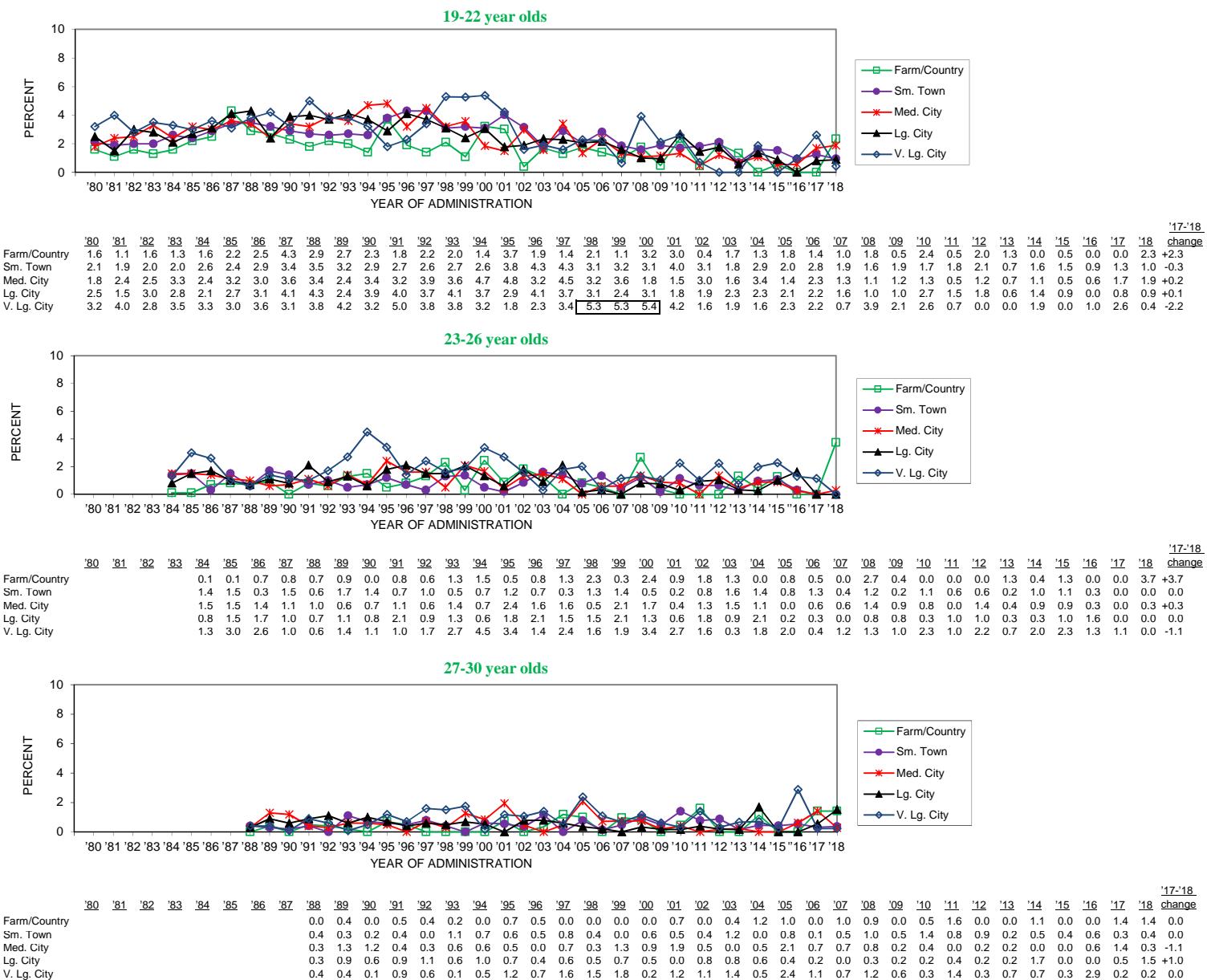


FIGURE 20
Trends in Hallucinogen Use by Region (1-10 yrs. Past High School)

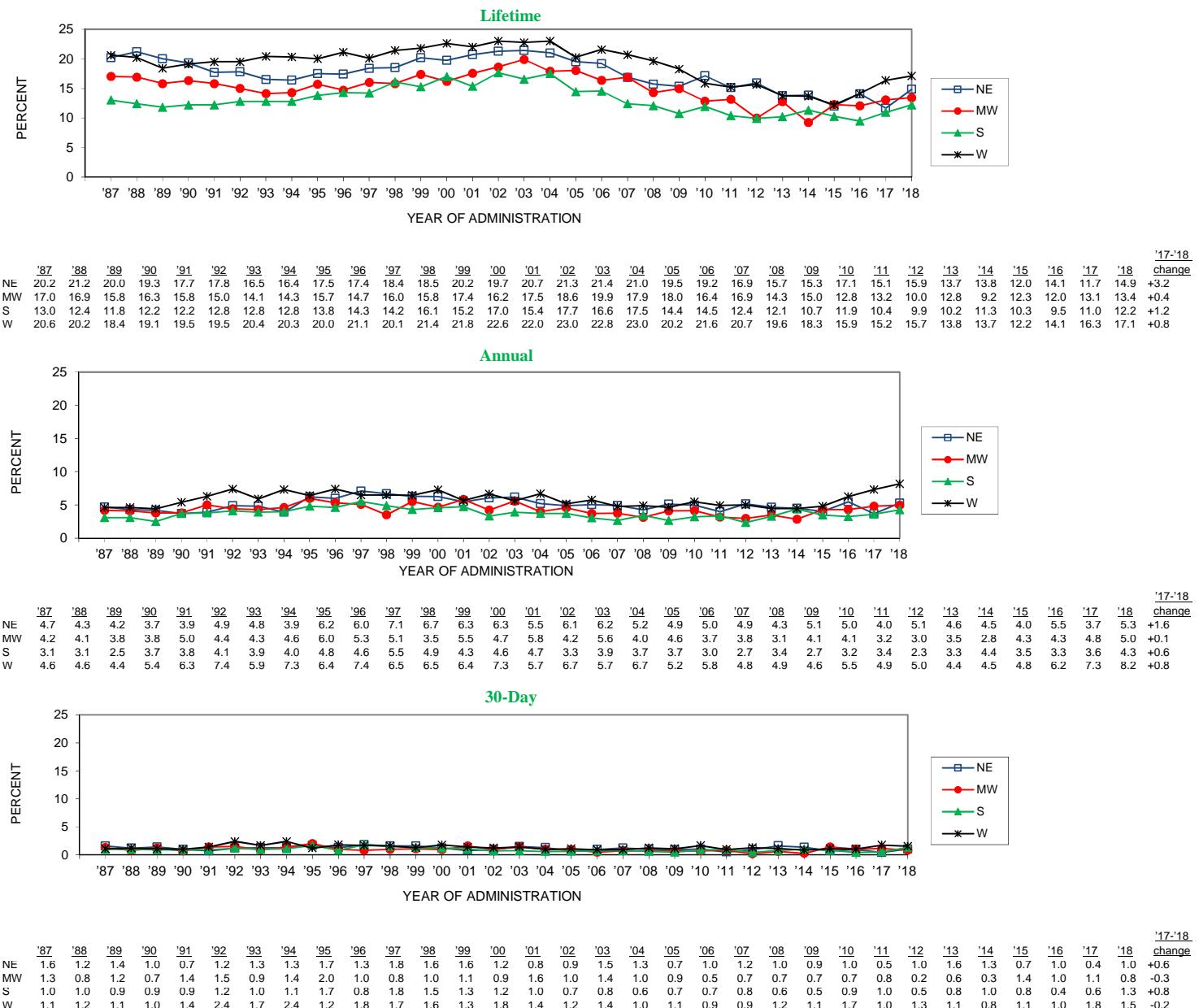


FIGURE 21
Trends in Annual Hallucinogen Use by Urbanicity (4 yr. Age Groups)

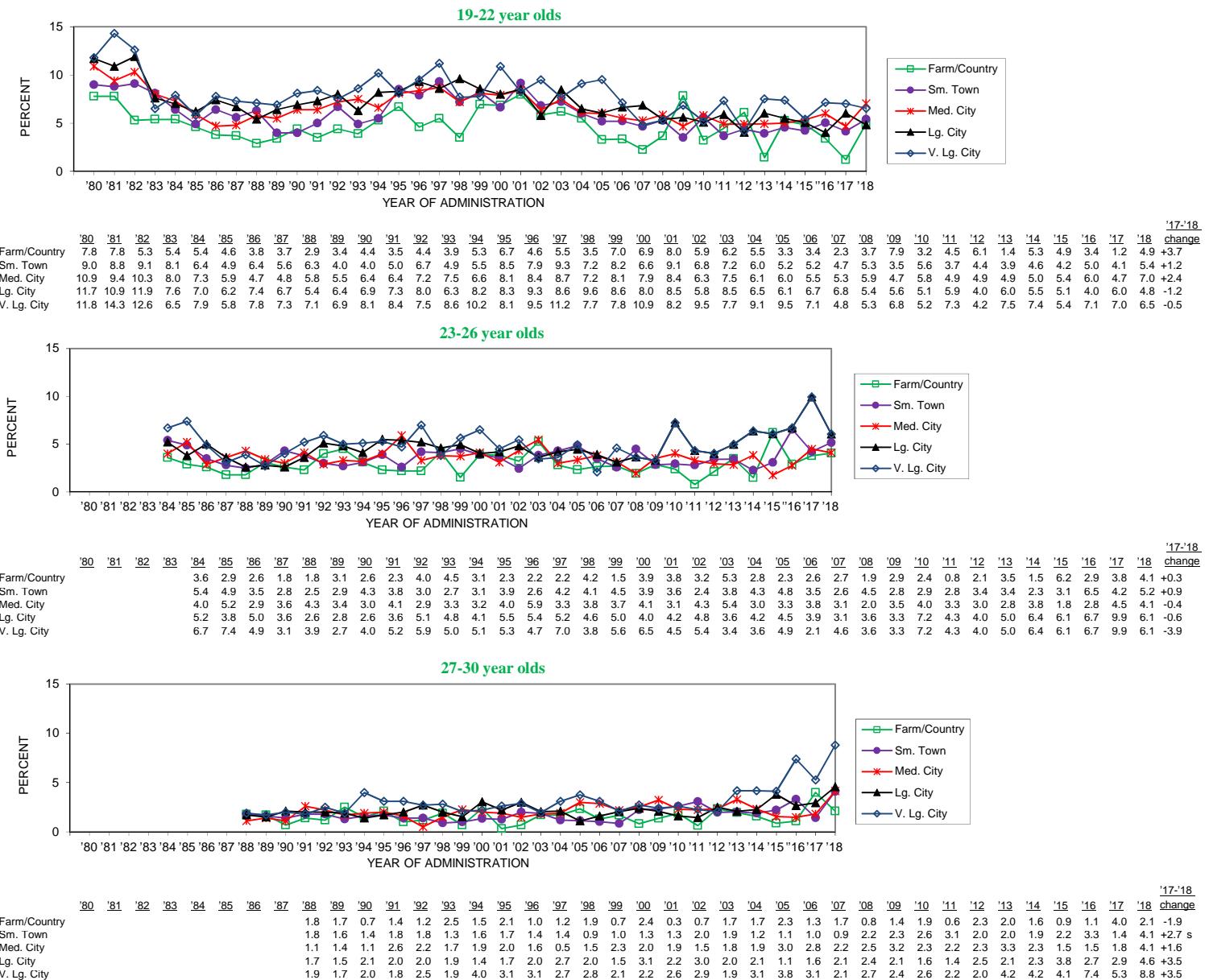


FIGURE 22
Trends in Annual LSD Use by Gender (4 yr. Age Groupings)

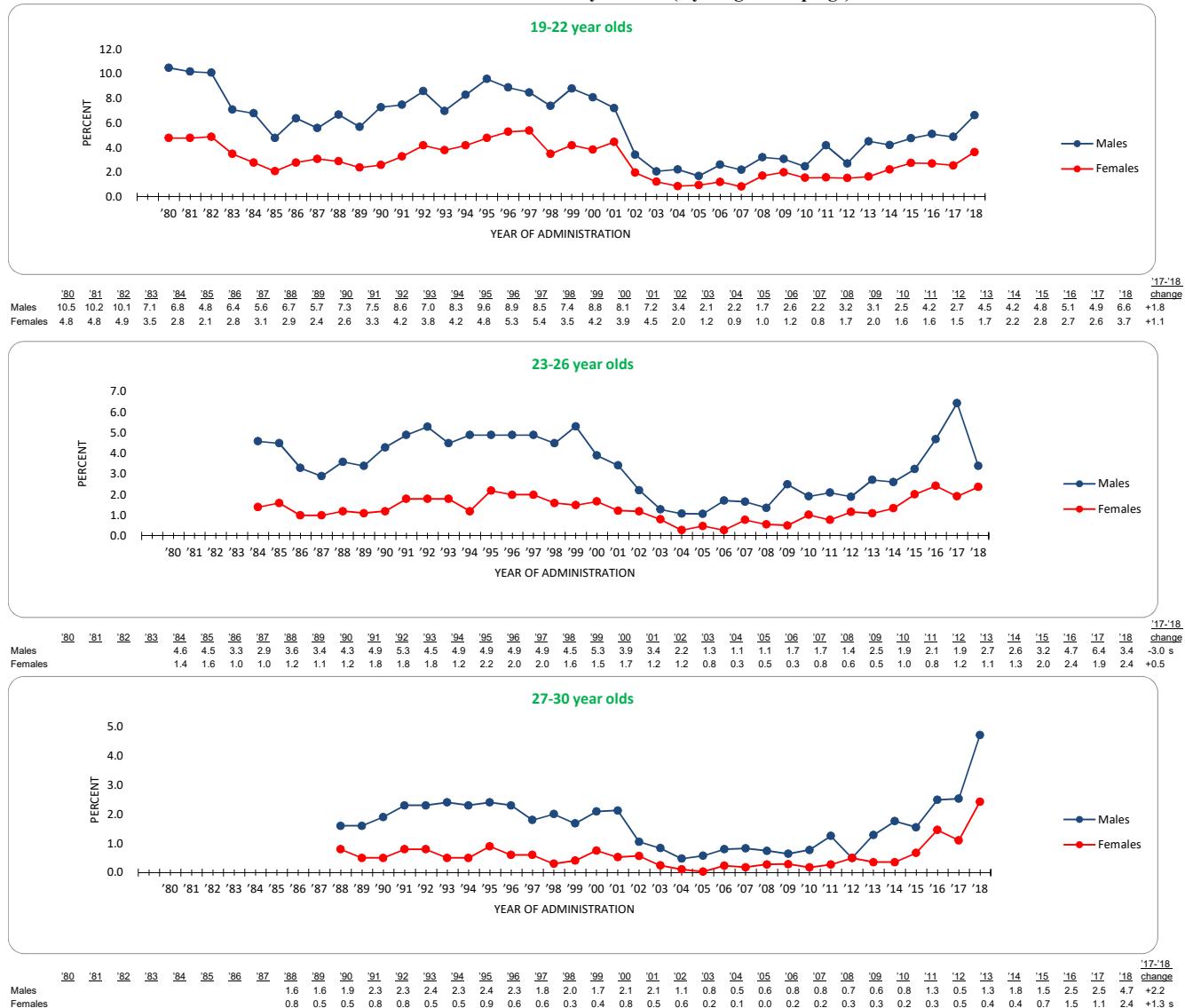


FIGURE 23
Trends in LSD Use by Region (1-10 yrs. Past High School)

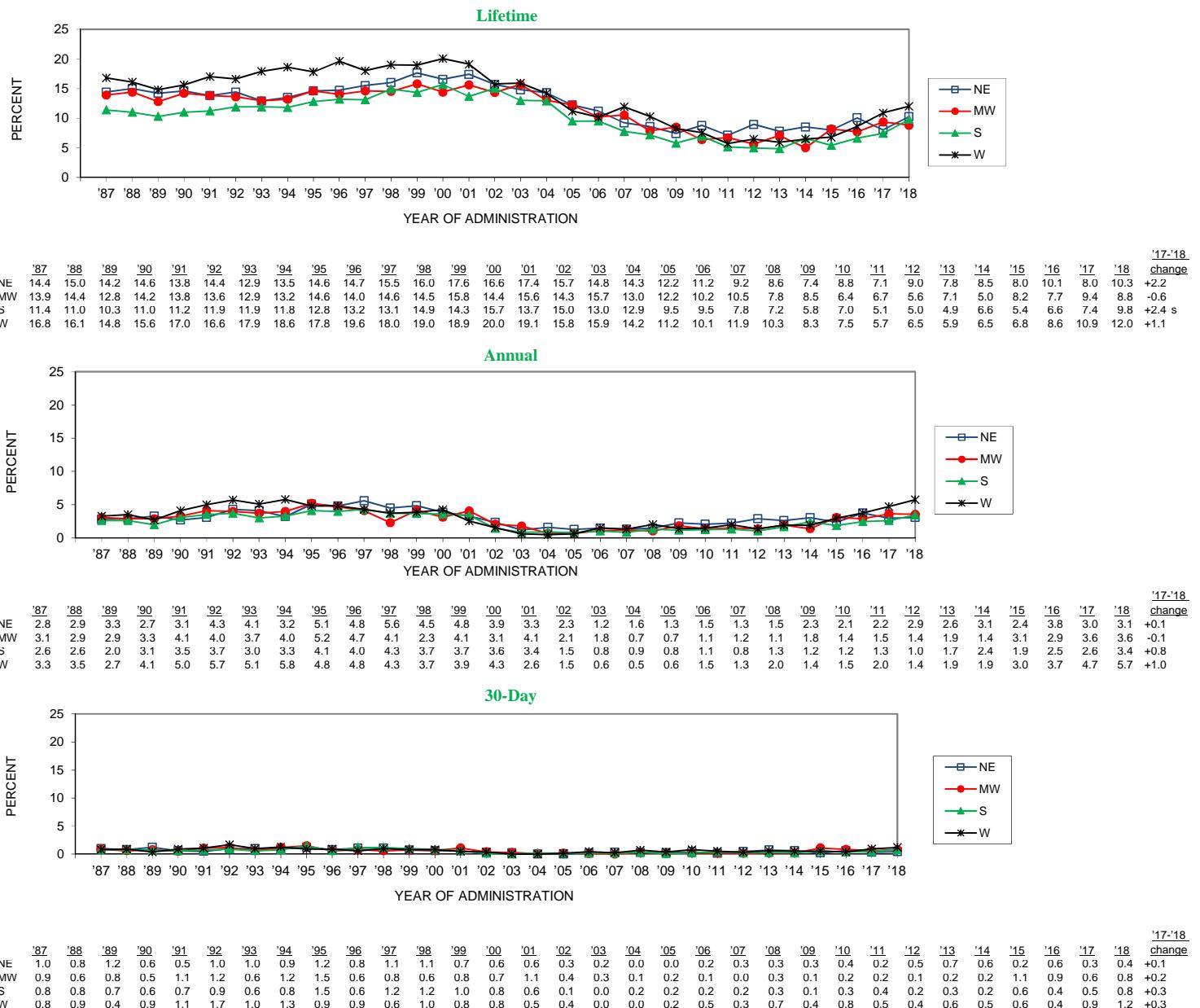
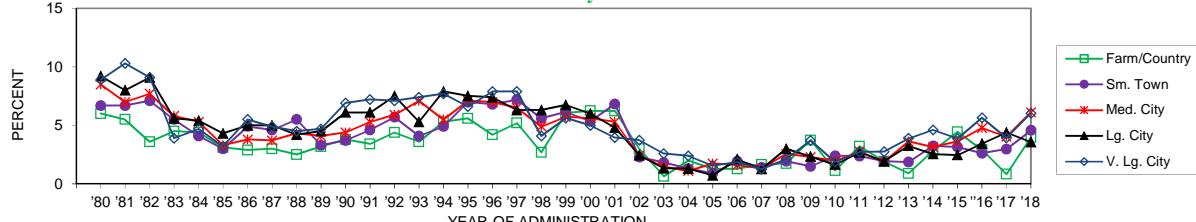
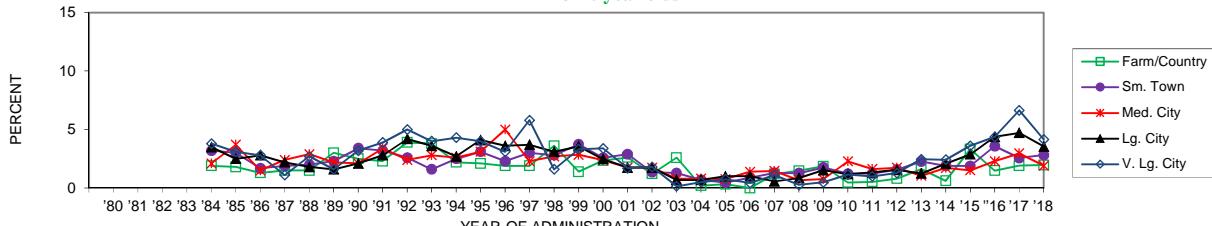


FIGURE 24
Trends in Annual LSD Use by Urbanicity (4 yr. Age Groups)

19-22 year olds



23-26 year olds



27-30 year olds

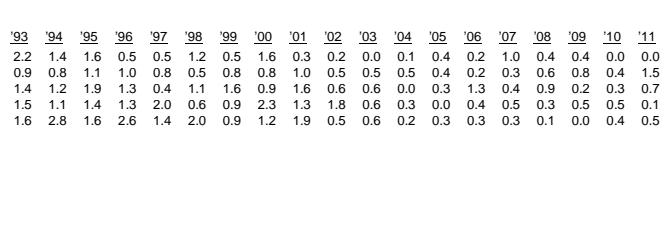
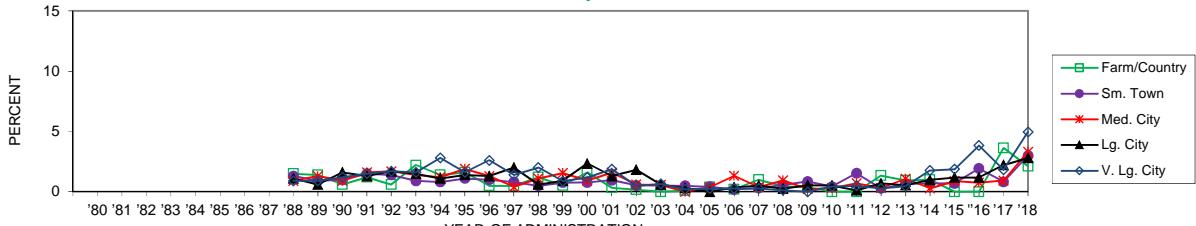


FIGURE 25
Trends in Annual Hallucinogens Other Than LSD Use by Gender (4 yr. Age Groupings)

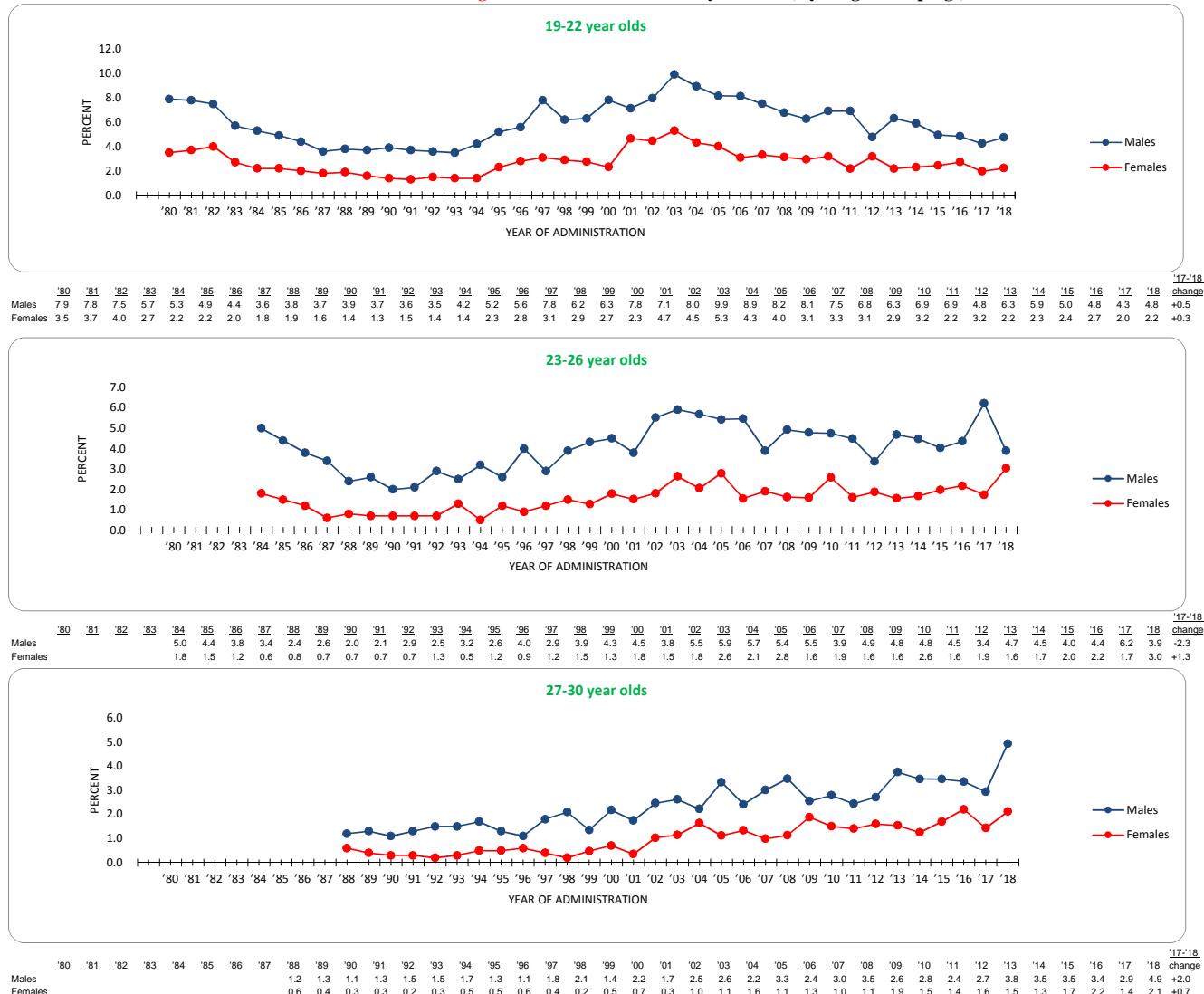
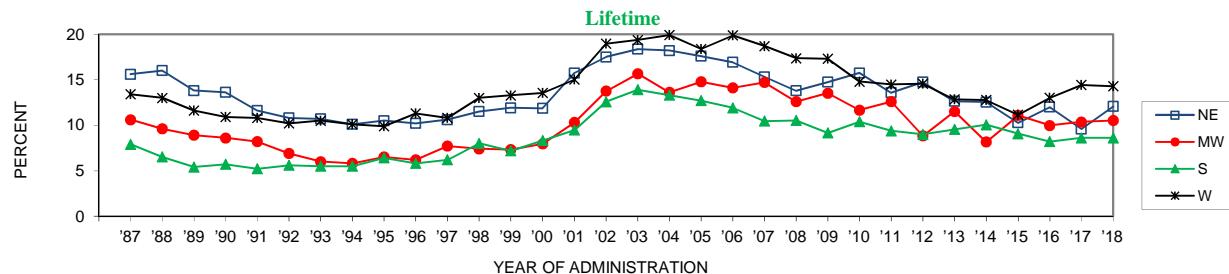
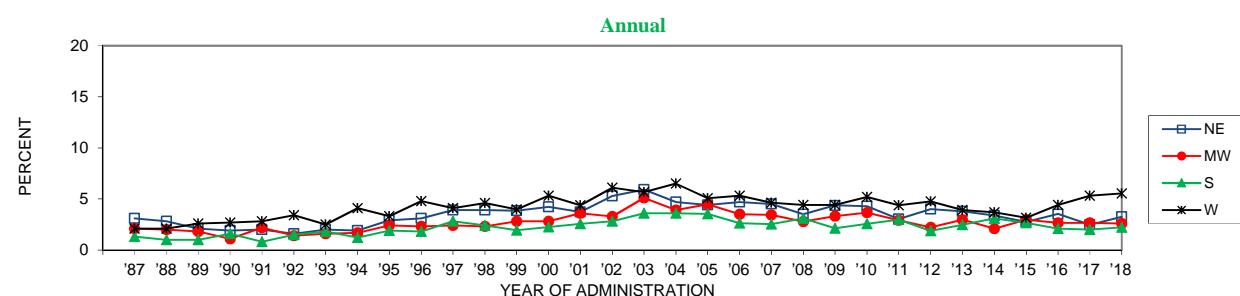


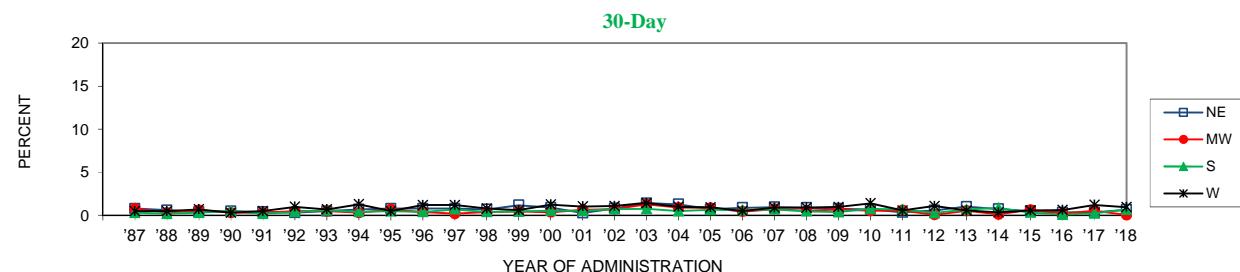
FIGURE 26
Trends in Hallucinogens Other Than LSD Use by Region (1-10 yrs. Past High School)



	'87	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'17-'18 change
NE	15.6	16.0	13.8	13.6	11.6	10.8	10.7	10.1	10.5	10.2	10.6	11.5	11.9	11.5	15.7	17.5	18.4	18.2	17.6	16.9	15.3	13.8	14.7	15.7	13.6	14.7	12.6	12.5	10.3	12.0	9.6	12.1	+2.5
MW	10.6	9.6	8.9	8.6	8.2	6.9	6.0	5.8	6.5	6.2	7.7	7.4	7.3	8.0	10.3	13.8	15.7	13.6	14.8	14.1	14.7	12.6	13.5	11.7	12.6	8.8	11.5	8.2	11.1	10.0	10.4	10.5	0.2
S	7.9	6.5	5.4	5.7	5.2	5.6	5.5	5.5	6.4	5.8	6.2	8.0	7.2	8.3	9.5	12.6	13.9	13.3	12.7	11.9	10.5	10.5	9.1	10.4	9.4	9.0	9.5	10.0	9.1	8.2	8.6	8.6	0.0
W	13.4	13.0	11.6	10.9	10.8	10.2	10.5	10.1	9.9	11.3	10.8	13.0	13.3	13.5	15.0	19.0	19.4	19.9	18.4	19.9	18.7	17.4	17.3	14.8	14.5	14.5	12.8	12.8	11.2	13.0	14.4	14.3	-0.1



	'87	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'17-'18 change
NE	3.1	2.8	2.1	1.9	2.0	1.6	2.0	1.9	2.9	3.1	3.9	3.9	3.8	4.2	3.7	5.3	5.9	4.7	4.4	4.7	4.5	3.5	4.4	4.3	3.0	4.0	3.8	3.4	2.7	3.5	2.5	3.2	+0.8
MW	2.1	2.0	1.8	1.1	2.2	1.4	1.6	1.7	2.4	2.3	2.4	2.3	2.8	3.6	3.3	5.1	3.9	4.5	3.5	3.4	2.8	3.3	3.6	2.9	2.2	3.0	2.1	3.0	2.6	2.6	2.6	0.0	
S	1.3	1.0	1.0	1.6	0.8	1.5	1.8	1.2	1.9	1.8	2.8	2.4	1.9	2.3	2.6	2.8	3.6	3.6	3.5	2.6	2.5	3.1	2.1	2.6	3.0	1.9	2.5	3.1	2.7	2.1	2.0	2.2	+0.2
W	2.1	2.1	2.6	2.7	2.8	3.4	2.5	4.1	3.3	4.8	4.1	4.6	4.0	5.3	4.4	6.1	5.7	6.5	5.1	5.3	4.6	4.4	5.2	4.4	4.8	3.9	3.7	3.2	4.4	5.3	5.5	+0.2	



	'87	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'17-'18 change	
NE	0.8	0.6	0.4	0.5	0.4	0.3	0.5	0.4	0.7	0.8	0.8	0.7	1.2	0.9	0.3	0.8	1.4	1.3	0.7	0.9	1.0	0.9	0.8	0.7	0.3	0.6	0.7	0.5	0.3	0.7	+0.3			
MW	0.8	0.3	0.6	0.3	0.3	0.5	0.5	0.3	0.7	0.4	0.2	0.4	0.5	0.4	0.6	0.7	1.3	0.9	0.9	0.4	0.7	0.6	0.7	0.5	0.6	0.1	0.5	0.1	0.6	0.2	0.5	0.0	-0.5	
S	0.3	0.2	0.3	0.5	0.2	0.4	0.6	0.4	0.5	0.4	0.7	0.4	0.4	0.6	0.5	0.7	0.8	0.5	0.7	0.6	0.7	0.5	0.4	0.7	0.7	0.3	0.7	0.9	0.3	0.1	0.2	0.7	+0.5	
W	0.5	0.5	0.7	0.3	0.5	1.0	0.7	1.3	0.5	1.2	1.2	0.8	0.6	1.3	1.0	1.1	1.4	1.0	0.9	0.5	0.9	0.9	0.9	1.0	1.4	0.6	1.1	0.6	0.4	0.6	0.6	1.2	1.0	-0.3

FIGURE 27
Trends in Annual Hallucinogen Other Than LSD Use by Urbanicity (4 yr. Age Groups)

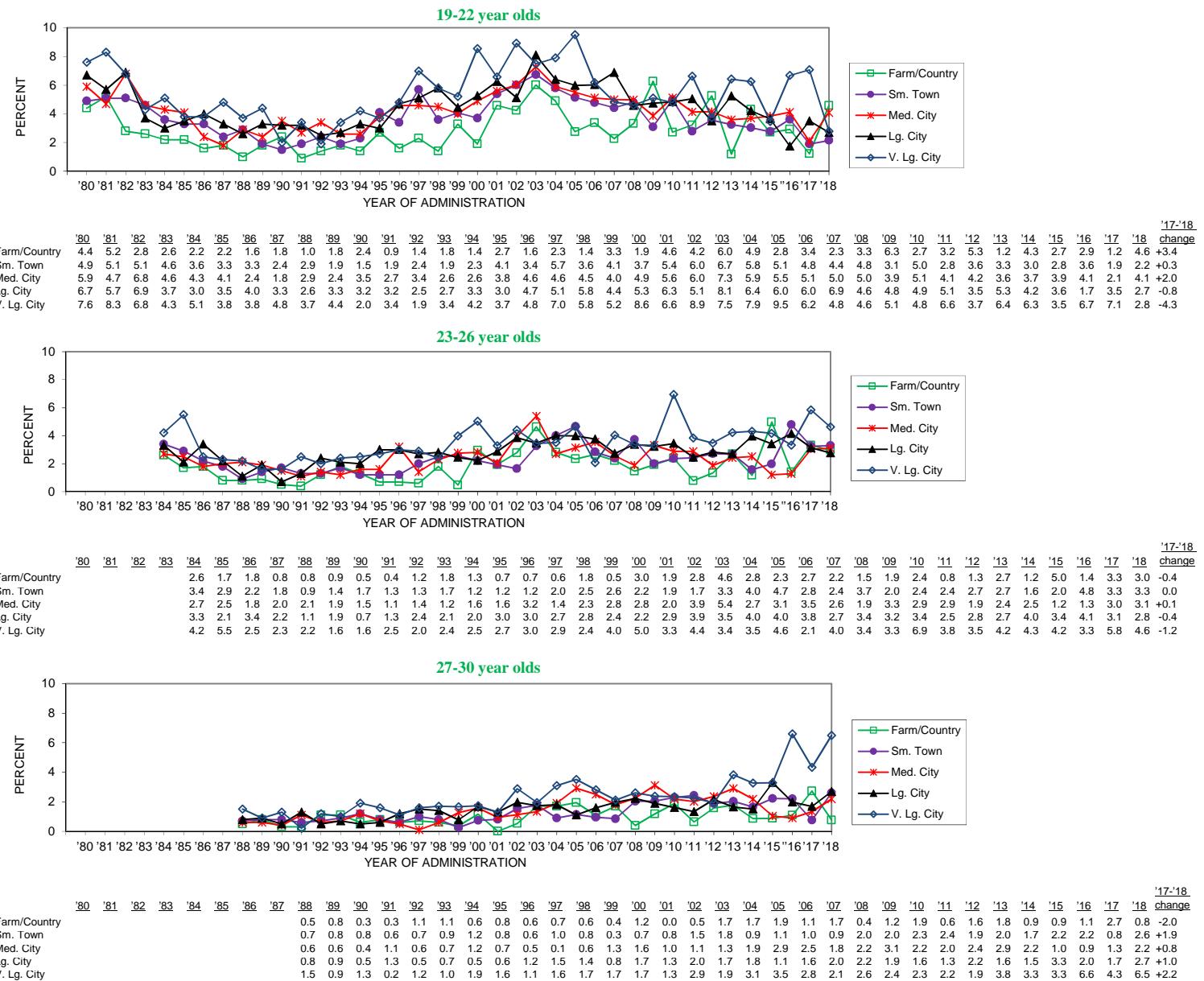


FIGURE 28
Trends in Annual MDMA (Ecstasy, Molly) Use by Gender (4 yr. Age Groupings)

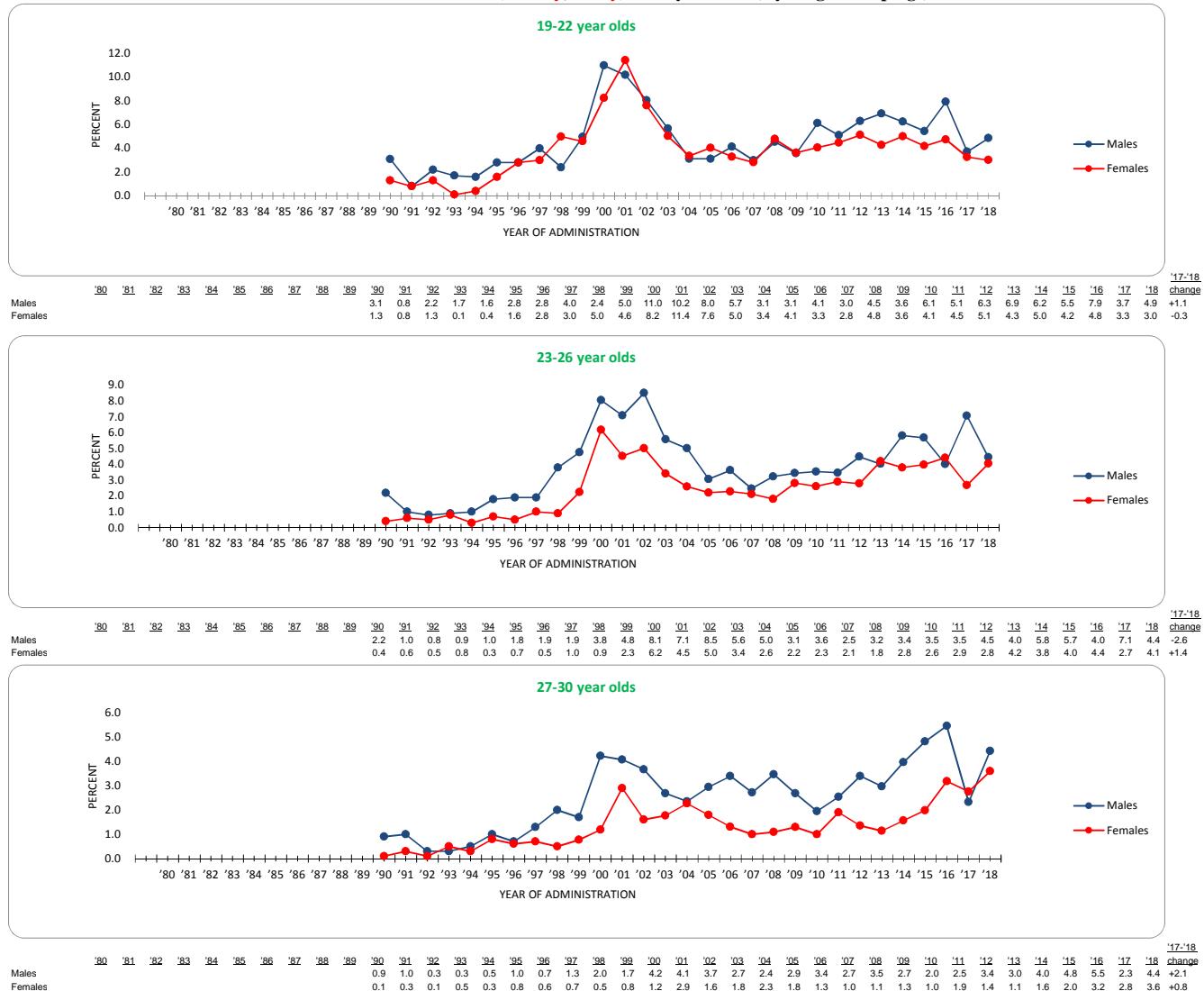


FIGURE 29
Trends in MDMA (Ecstasy, Molly) Use by Region (1-10 yrs. Past High School)

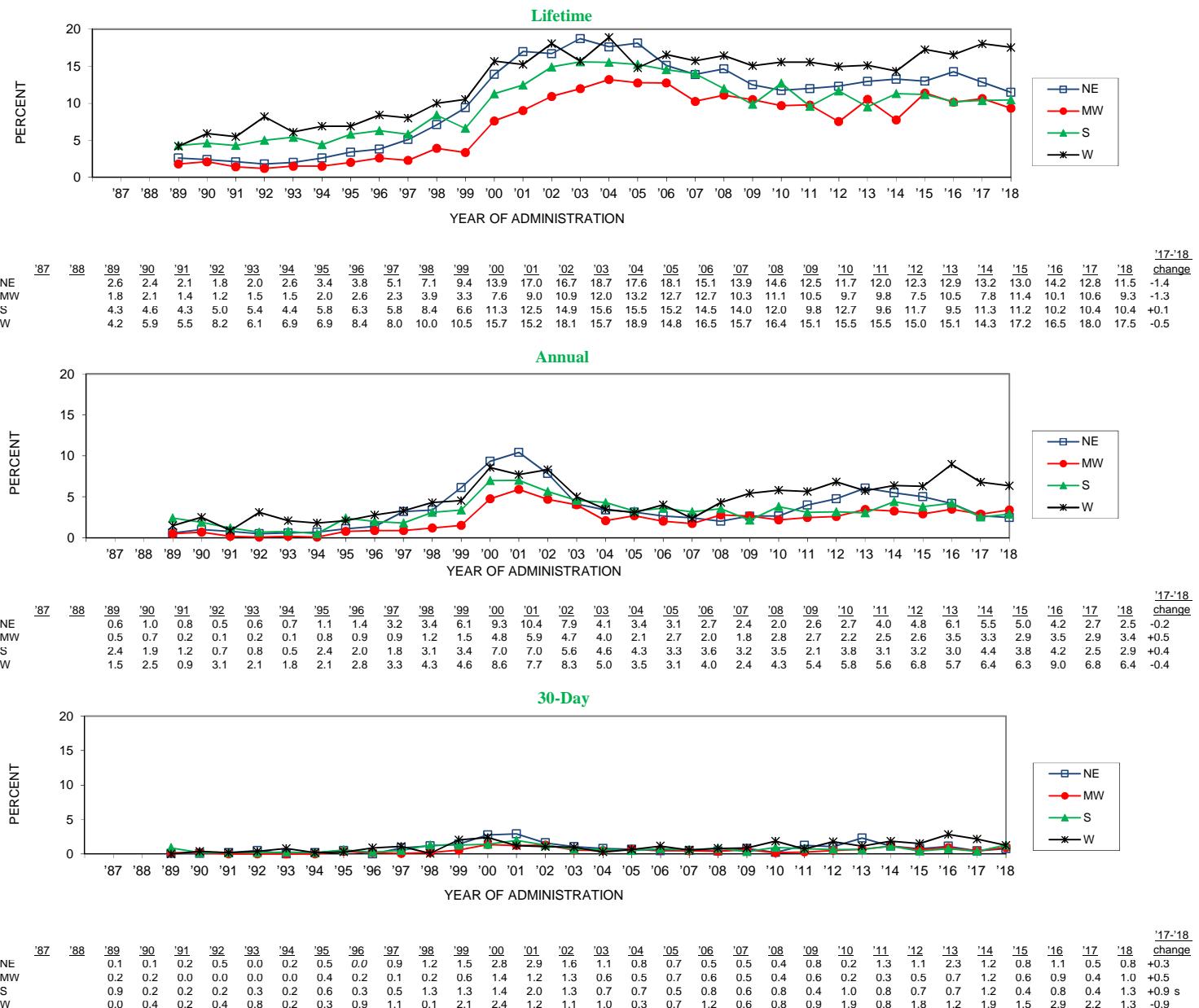


FIGURE 30
Trends in Annual MDMA (Ecstasy, Molly) Use by Urbanicity (4 yr. Age Groups)

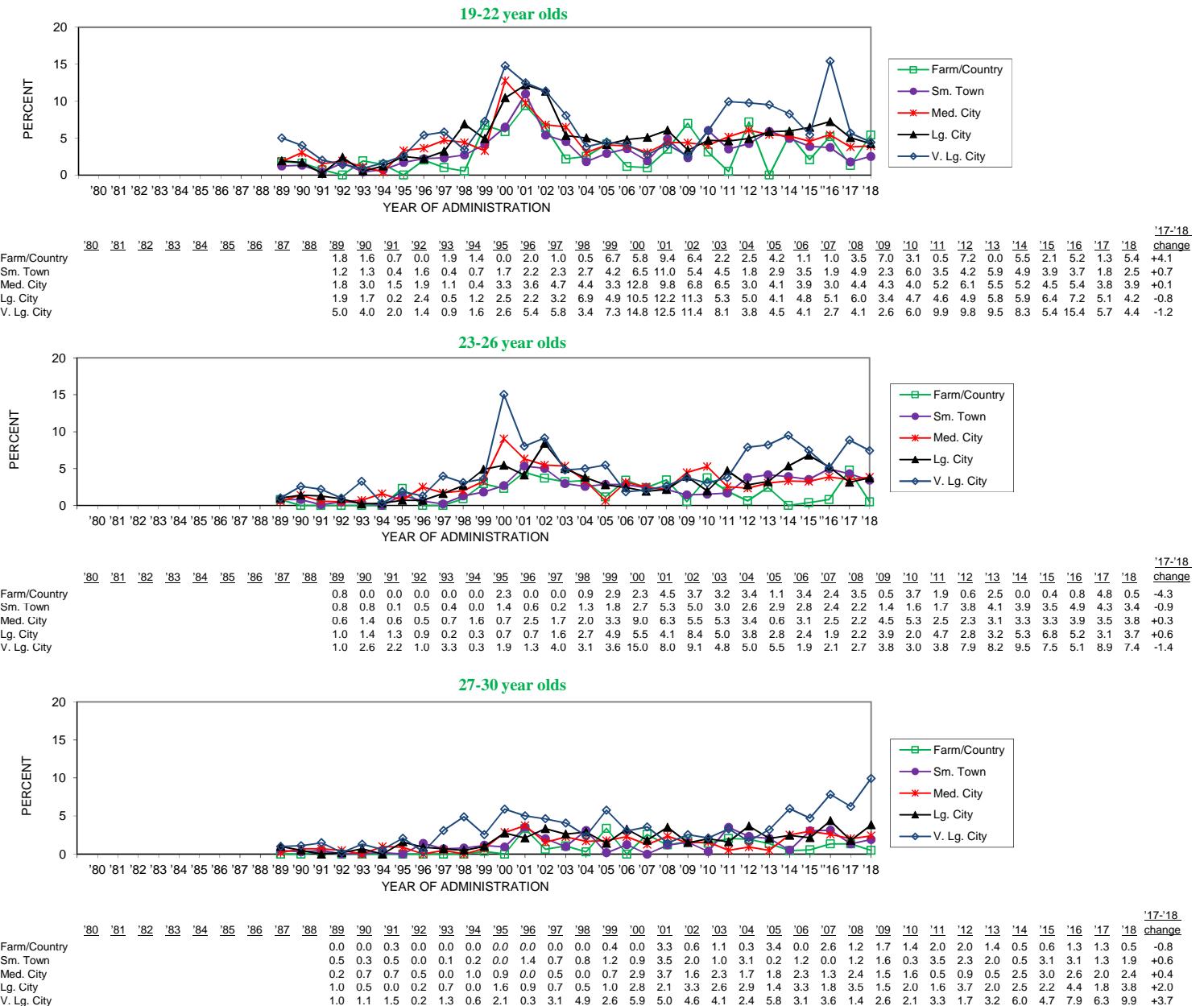


FIGURE 31
Trends in Annual *Salvia* Use by Gender (4 yr. Age Groupings)

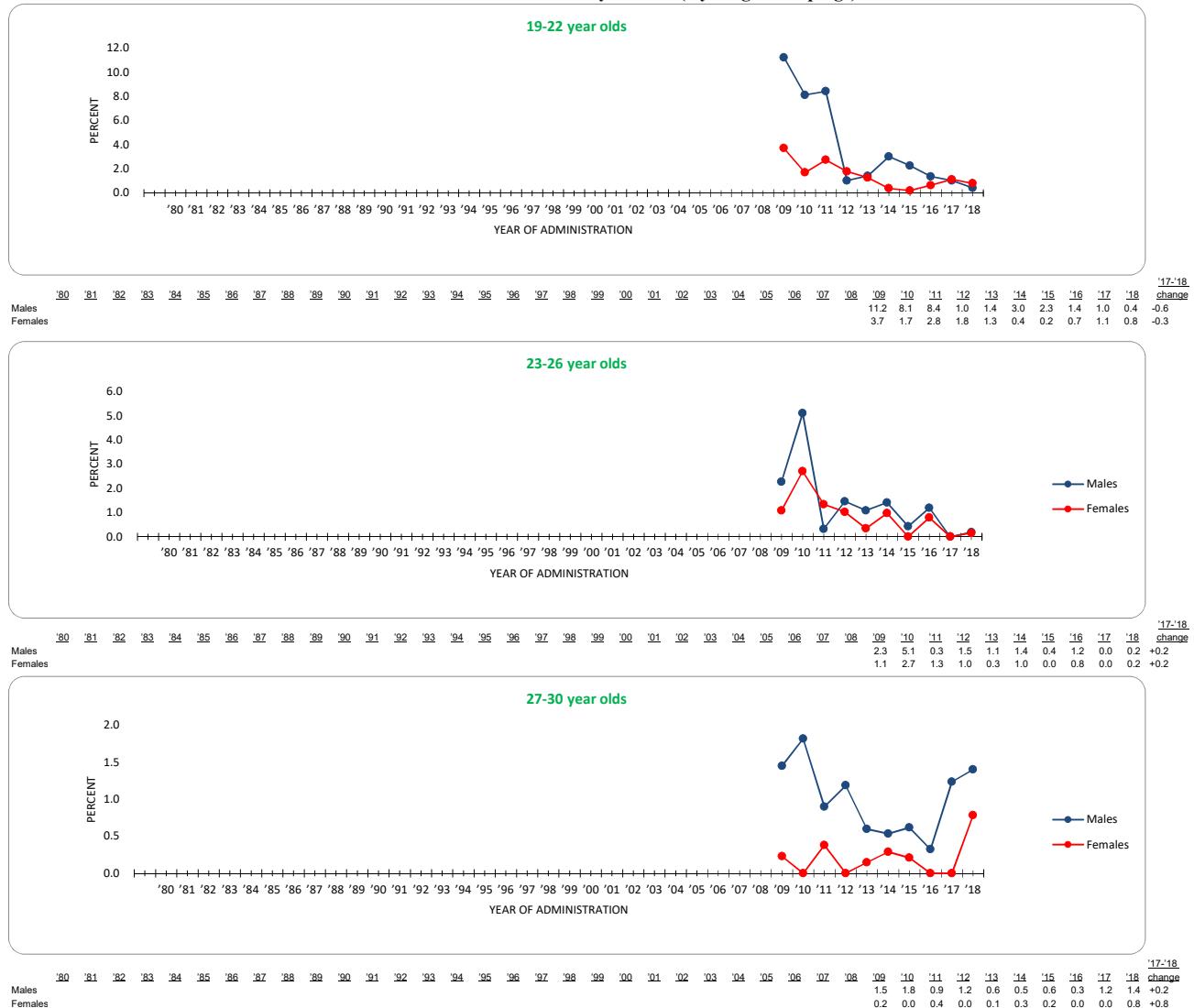


FIGURE 32
Trends in *Salvia* Use by Region (1-10 yrs. Past High School)

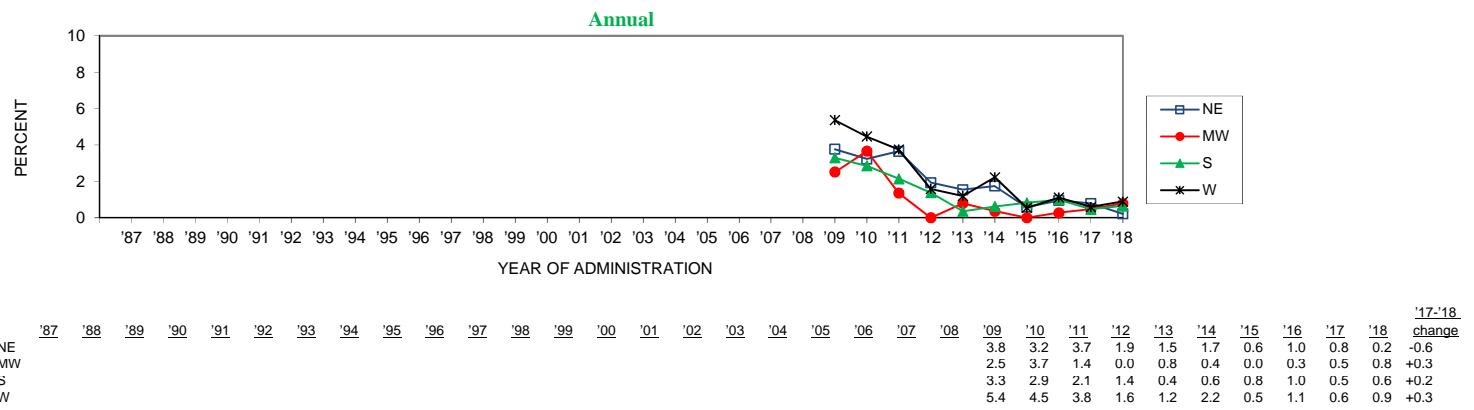
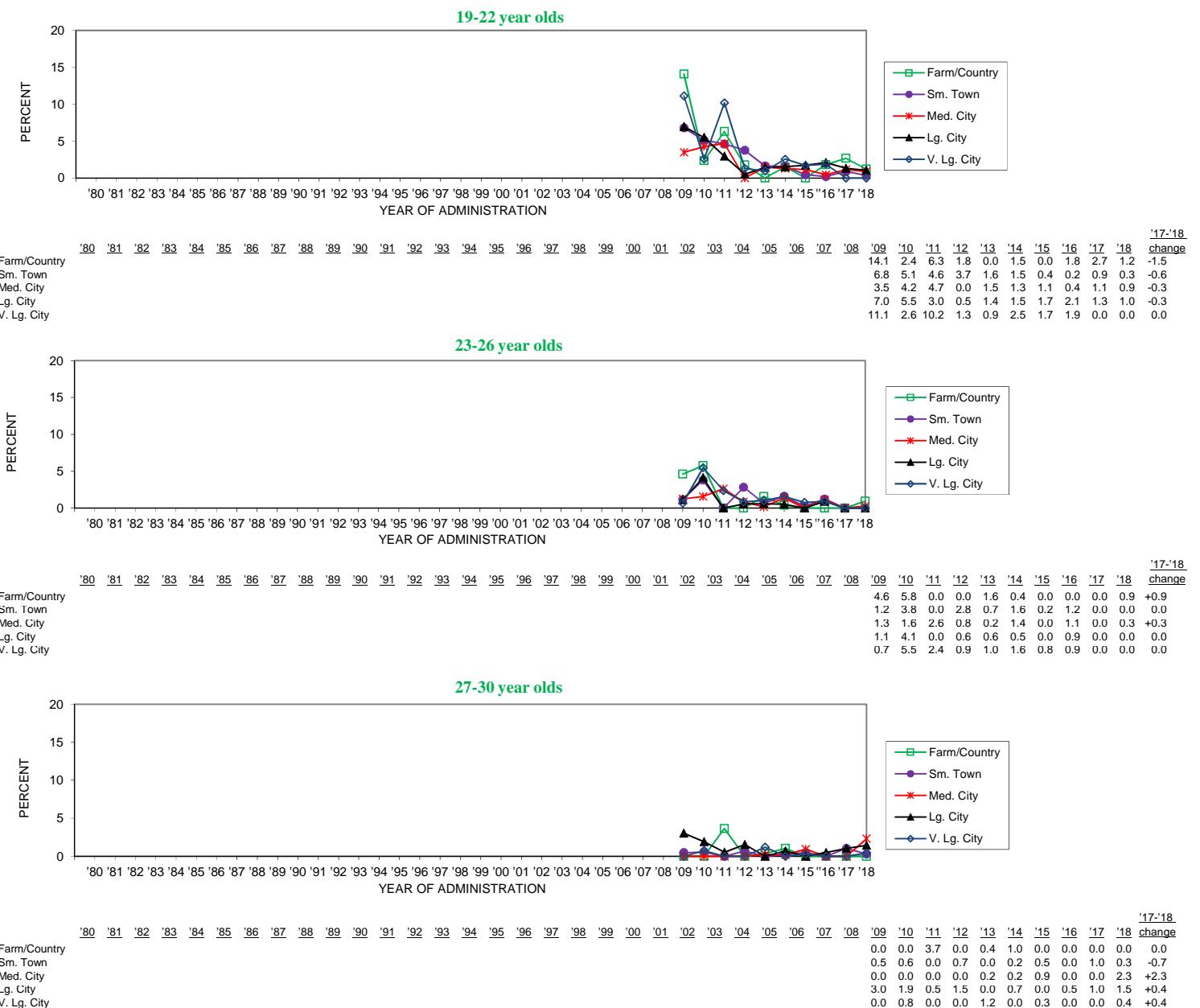


FIGURE 33
Trends in Annual *Salvia* Use by Urbanicity (4 yr. Age Groups)



Note: Zeros in italics indicate a prevalence rate of less than 0.05%, but greater than true zero.

FIGURE 34
Trends in Annual Cocaine Use by Gender (4 yr. Age Groupings)

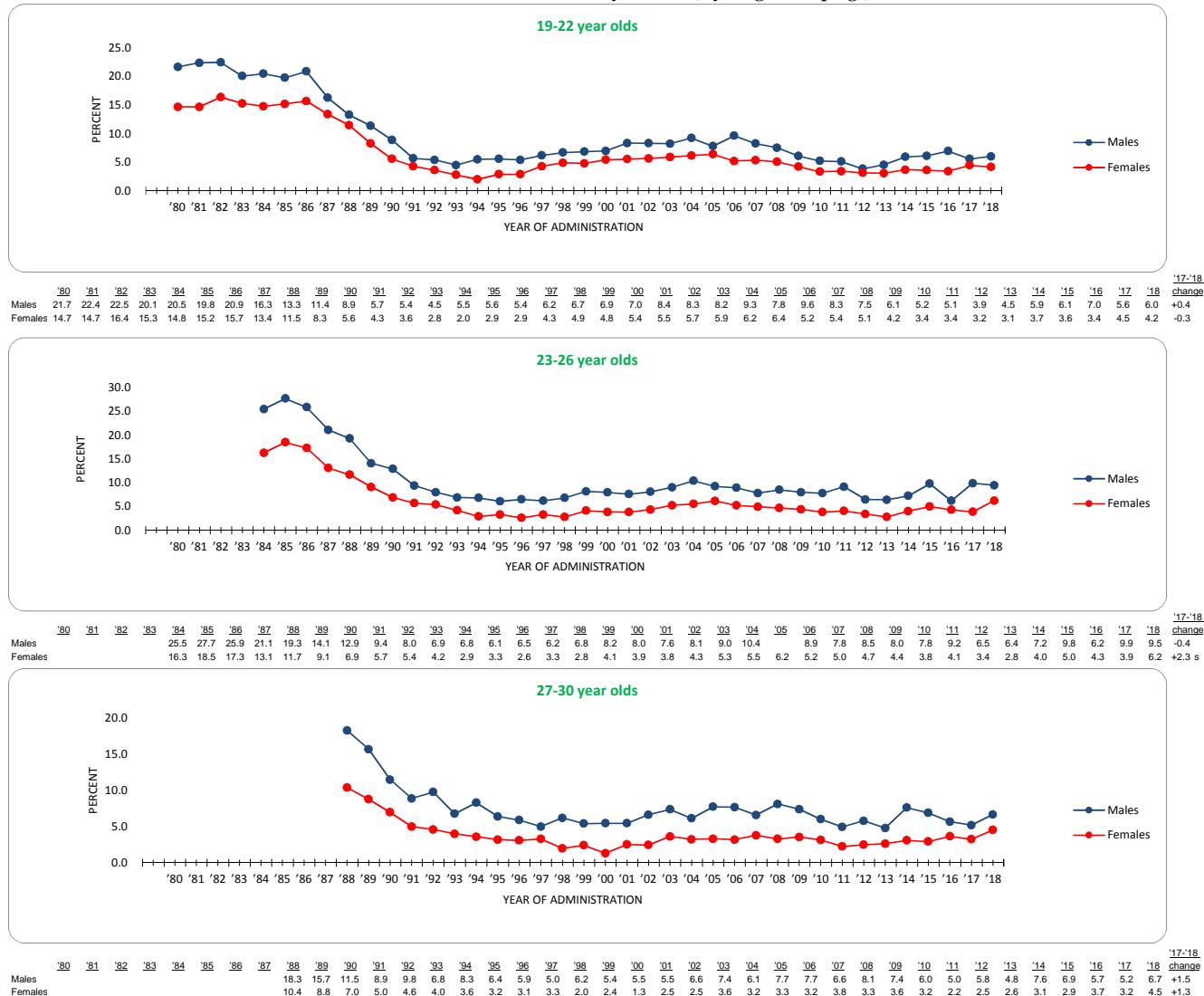


FIGURE 35
Trends in Cocaine Use by Region (1-10 yrs. Past High School)

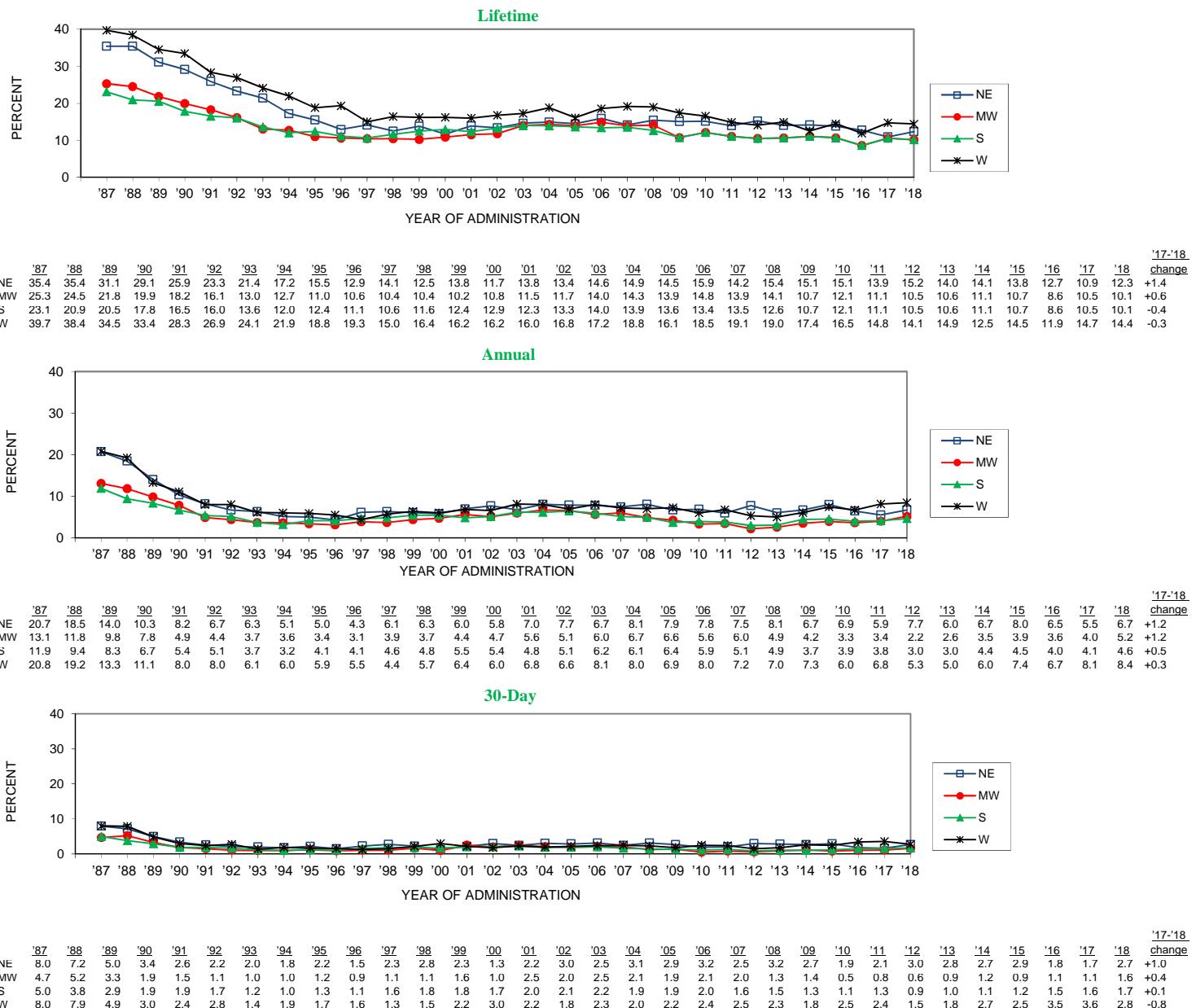


FIGURE 36
Trends in Annual Cocaine Use by Urbanicity (4 yr. Age Groups)

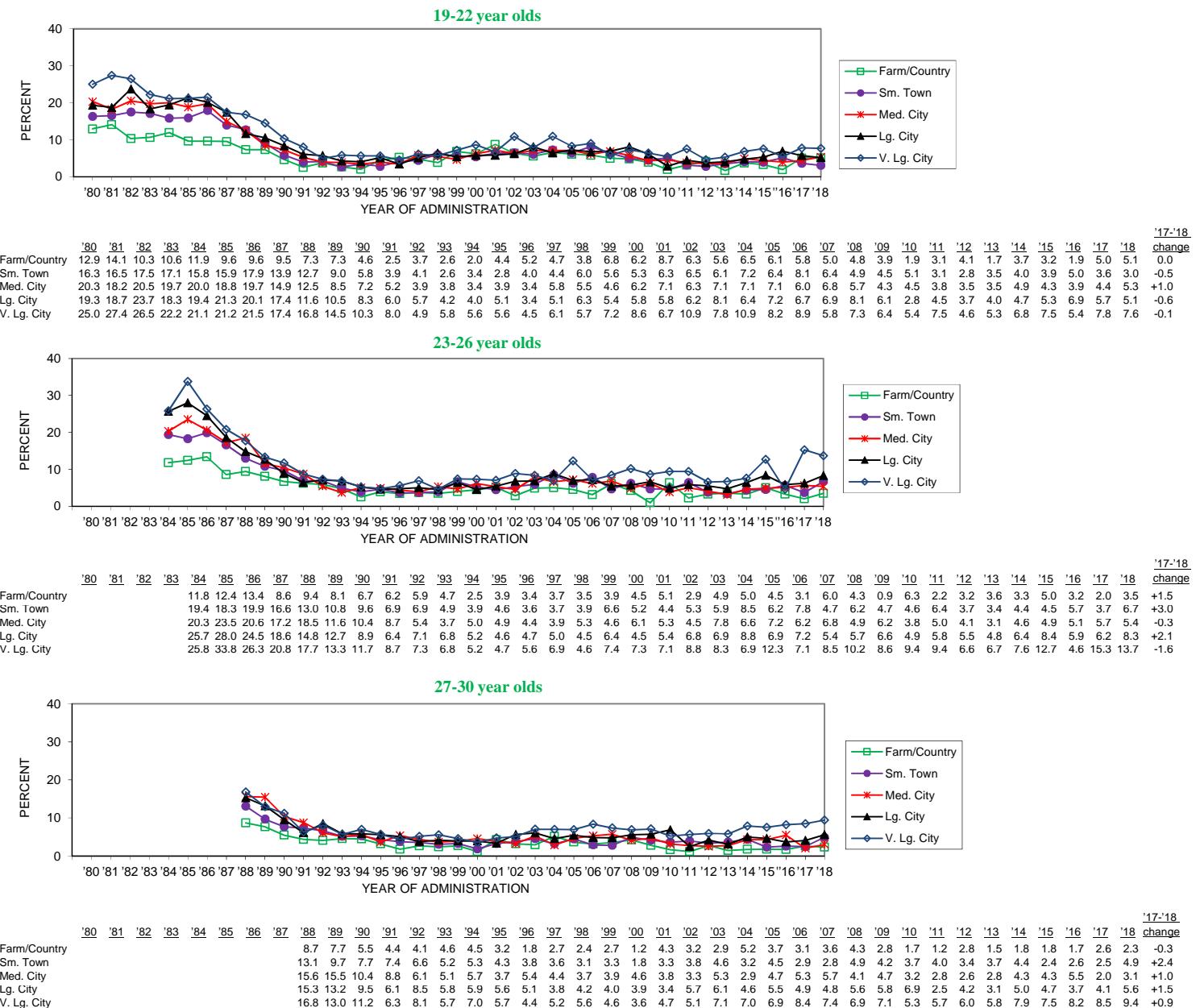
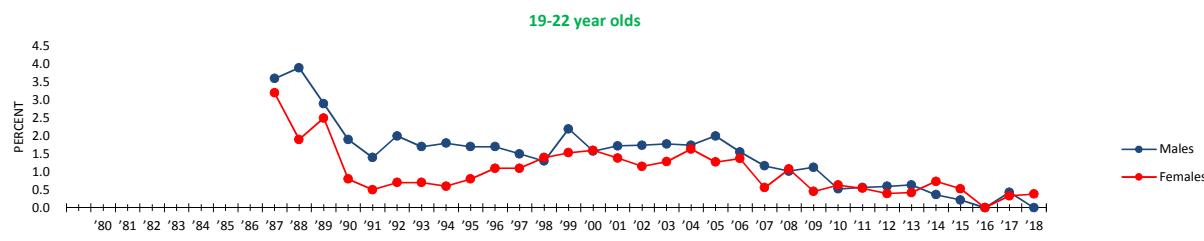
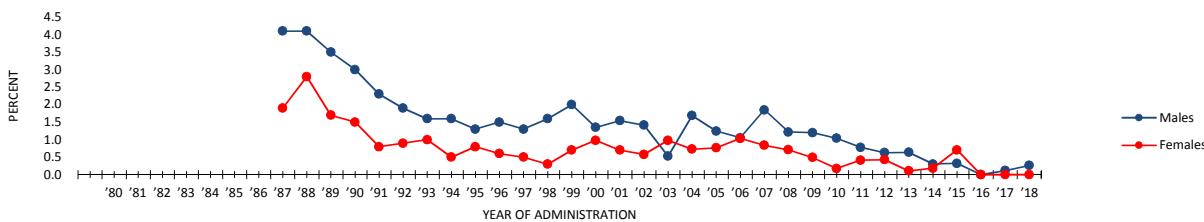


FIGURE 37
Trends in Annual Crack Cocaine Use by Gender (4 yr. Age Groupings)



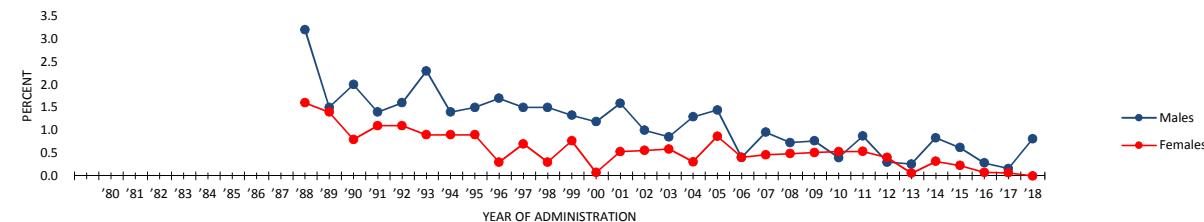
	'80	'81	'82	'83	'84	'85	'86	'87	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'17-'18 change
Males	3.6	3.9	2.9	1.9	1.4	2.0	1.7	1.8	1.7	1.7	1.5	1.3	2.2	1.6	1.7	1.7	1.8	1.7	1.7	1.6	1.2	1.0	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0	+0.1				
Females	3.2	1.9	2.5	0.8	0.5	0.7	0.7	0.6	0.8	1.1	1.1	1.4	1.5	1.6	1.4	1.2	1.3	1.6	1.4	1.6	1.4	1.2	1.3	1.4	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.4	+0.1			

23-26 year olds



	'80	'81	'82	'83	'84	'85	'86	'87	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'17-'18 change
Males	4.1	4.1	3.5	3.0	2.3	1.9	1.6	1.6	1.6	1.3	1.5	1.3	1.6	1.4	1.4	1.5	1.4	1.4	1.6	1.4	1.2	1.2	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0	+0.1				
Females	1.9	2.8	1.7	1.5	1.5	0.8	0.9	1.0	1.0	0.5	0.8	0.6	0.5	0.5	0.3	0.3	0.7	1.0	1.0	0.7	1.0	0.7	0.6	1.0	0.7	0.8	0.7	0.5	1.0	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.0	+0.0	

27-30 year olds



	'80	'81	'82	'83	'84	'85	'86	'87	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'17-'18 change
Males	3.2	1.5	2.0	1.4	1.6	2.3	1.4	1.5	1.7	1.5	1.5	1.3	1.2	1.2	1.0	0.9	0.9	0.7	0.3	0.3	0.8	0.1	0.5	0.6	0.6	0.3	0.9	0.4	0.4	1.0	0.7	0.8	0.4	0.9	0.3	0.3	0.2	0.1	+0.7	
Females	1.6	1.4	0.8	1.1	1.1	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.7	0.3	0.3	0.7	0.3	0.3	0.3	0.8	0.1	0.5	0.6	0.6	0.3	0.9	0.4	0.5	0.5	0.5	0.5	0.4	0.1	0.3	0.2	0.1	0.0	+0.0		

FIGURE 38
Trends in Crack Cocaine Use by Region (1-10 yrs. Past High School)

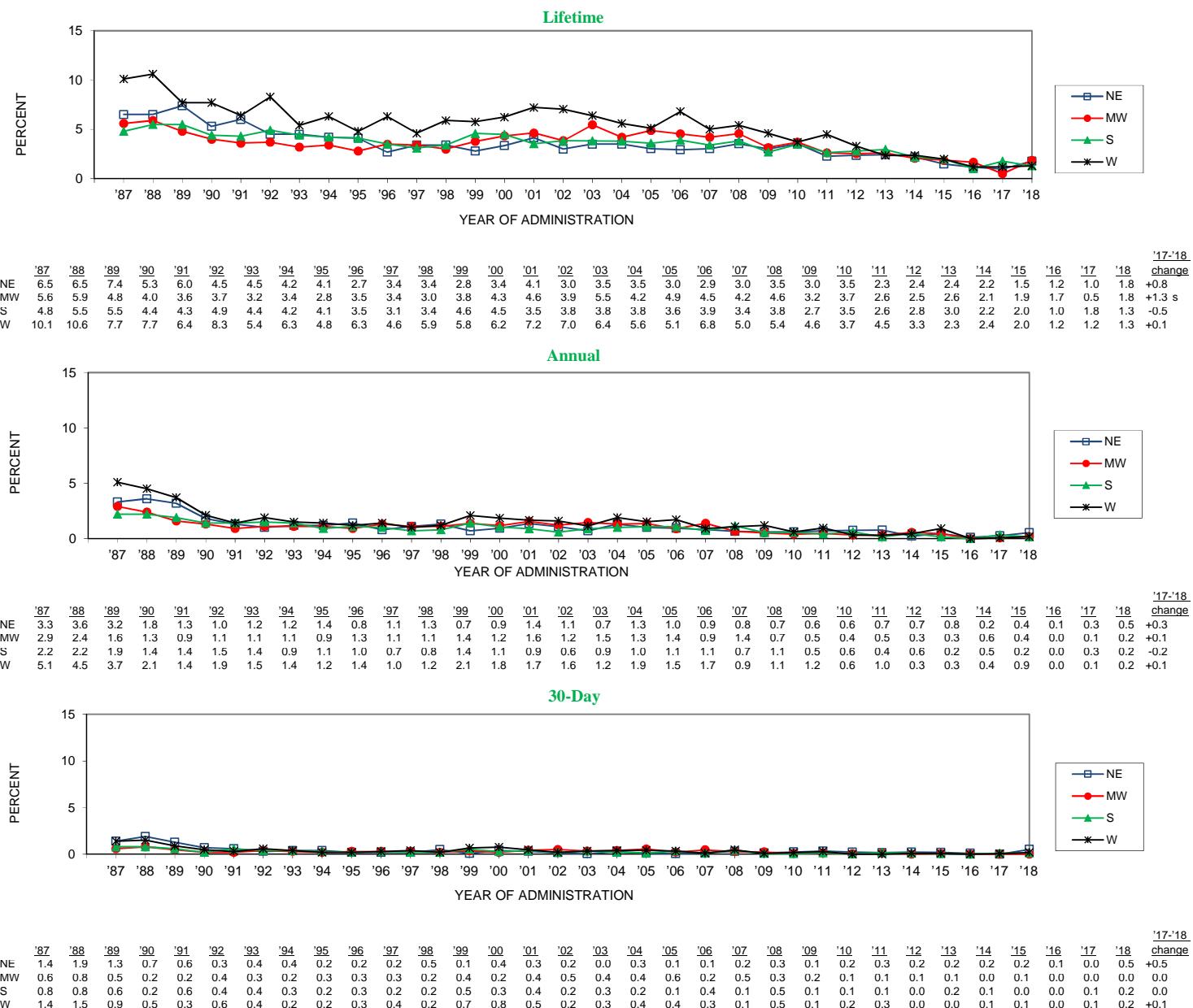
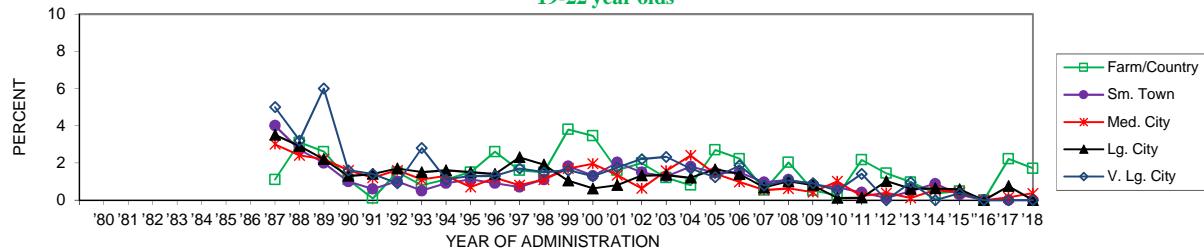
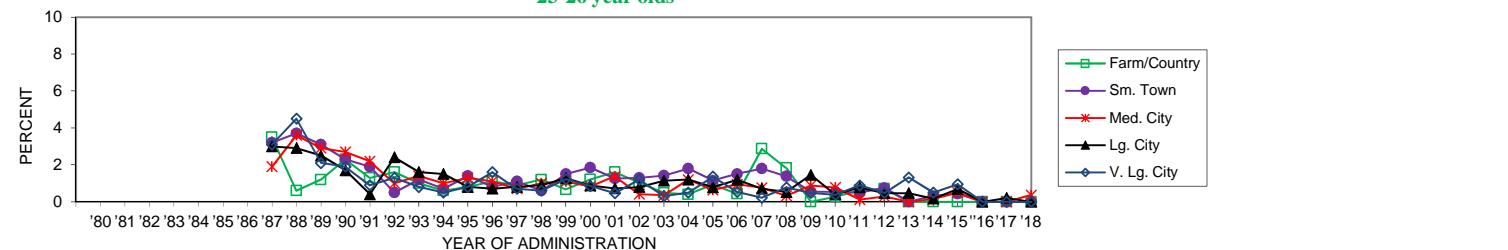


FIGURE 39
Trends in Annual Crack Cocaine Use by Urbanicity (4 yr. Age Groups)

19-22 year olds



23-26 year olds



27-30 year olds

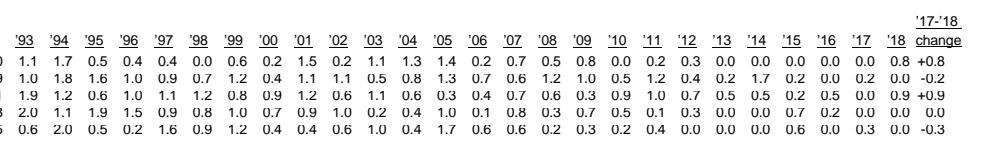
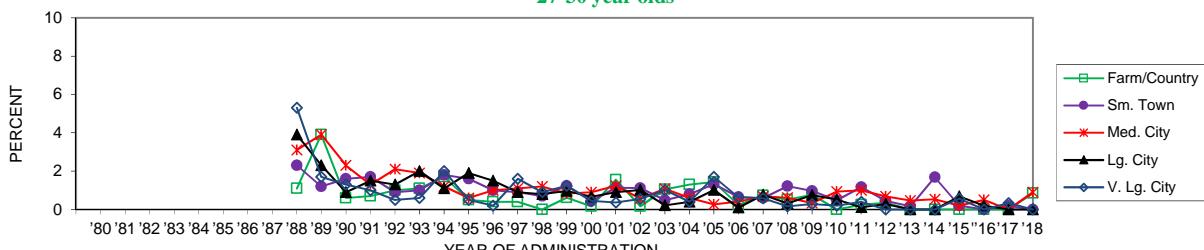
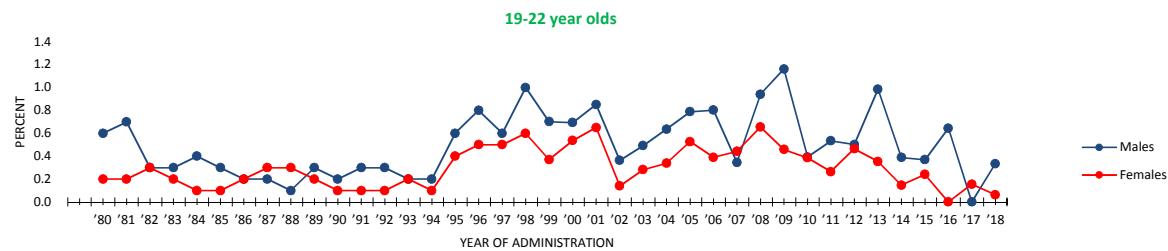
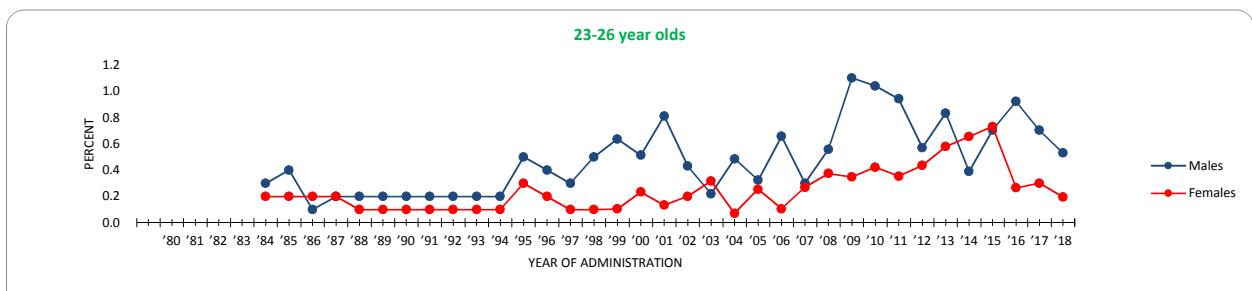


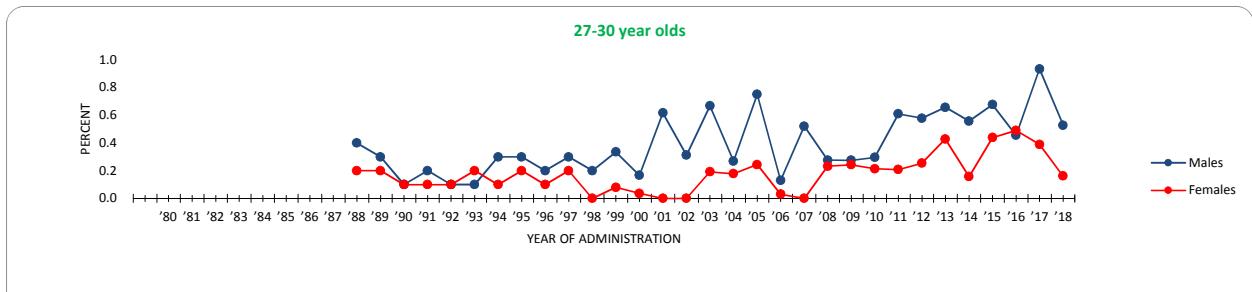
FIGURE 40
Trends in Annual Heroin Use by Gender (4 yr. Age Groupings)



	'80	'81	'82	'83	'84	'85	'86	'87	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'17-'18 change	
Males	0.6	0.7	0.3	0.3	0.4	0.3	0.2	0.2	0.1	0.3	0.2	0.3	0.2	0.2	0.2	0.6	0.8	1.0	0.7	0.7	0.9	0.4	0.5	0.6	0.8	0.8	0.3	0.9	1.2	0.4	0.5	0.5	0.4	0.4	0.3	0.5	0.4	0.2	0.1	-0.1	
Females	0.2	0.2	0.3	0.2	0.1	0.1	0.2	0.3	0.3	0.2	0.1	0.1	0.1	0.2	0.1	0.4	0.5	0.5	0.6	0.4	0.5	0.7	0.1	0.3	0.3	0.5	0.4	0.4	0.7	0.5	0.5	0.4	0.4	0.3	0.5	0.4	0.2	0.0	0.2	0.1	-0.1



	'80	'81	'82	'83	'84	'85	'86	'87	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'17-'18 change
Males	0.3	0.4	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.5	0.4	0.3	0.5	0.6	0.5	0.2	0.1	0.2	0.3	0.2	0.1	0.2	0.3	0.1	0.3	0.4	0.6	0.8	0.7	0.5	0.7	0.7	0.5	-0.2
Females	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.3	0.1	0.2	0.3	0.1	0.3	0.4	0.6	0.7	0.7	0.3	0.2	-0.1			



	'80	'81	'82	'83	'84	'85	'86	'87	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'17-'18 change	
Males	0.4	0.3	0.1	0.2	0.1	0.2	0.1	0.1	0.1	0.3	0.3	0.2	0.3	0.2	0.2	0.3	0.2	0.3	0.2	0.3	0.2	0.6	0.3	0.2	0.6	0.3	0.7	0.3	0.8	0.1	0.5	0.3	0.3	0.3	0.6	0.6	0.7	0.5	0.9	0.5	-0.4
Females	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.1	0.2	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.2	0.2	0.4	0.5	0.4	0.2	0.4	0.5	0.2	-0.2		

FIGURE 41
Trends in Heroin Use by Region (1-10 yrs. Past High School)

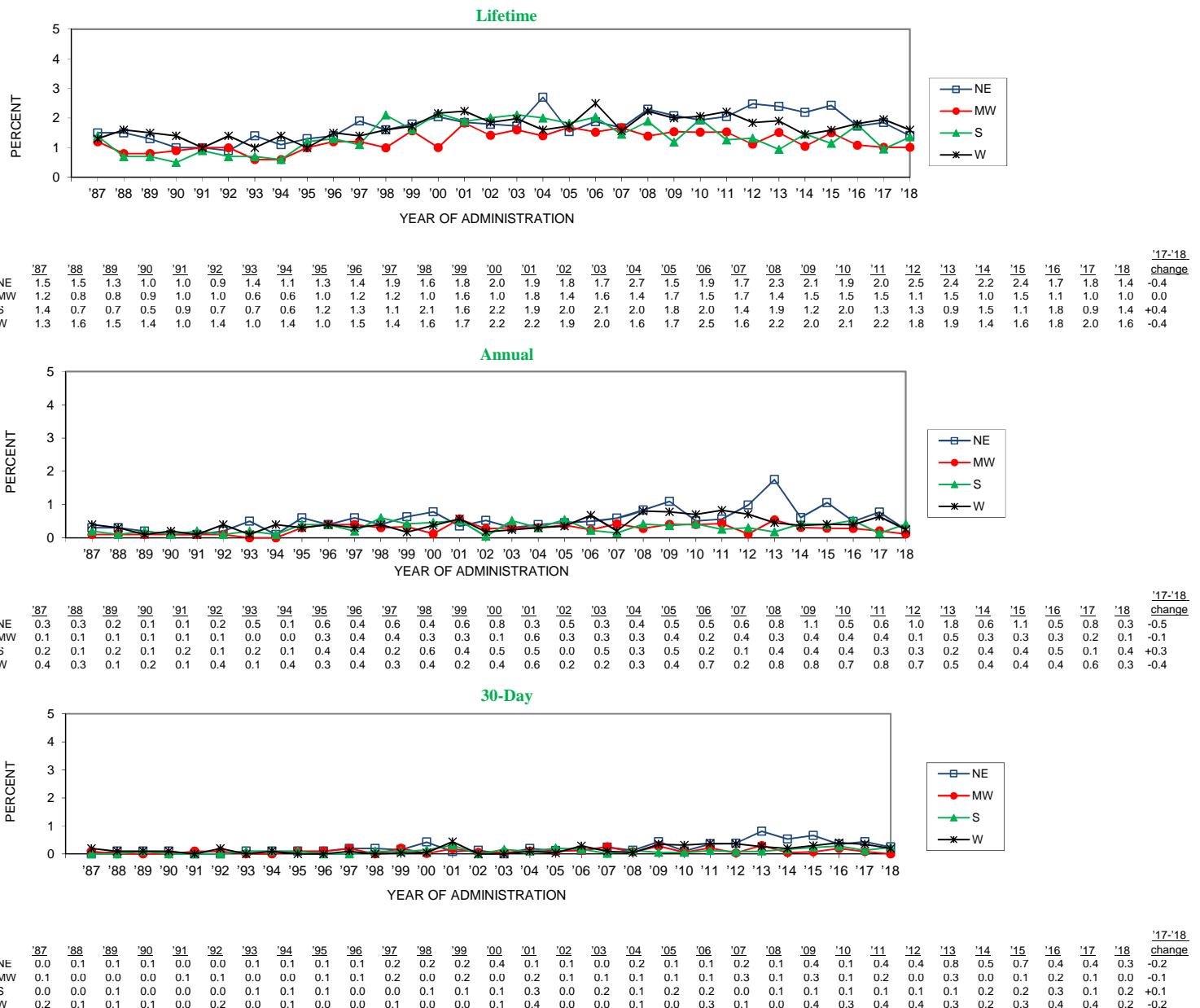
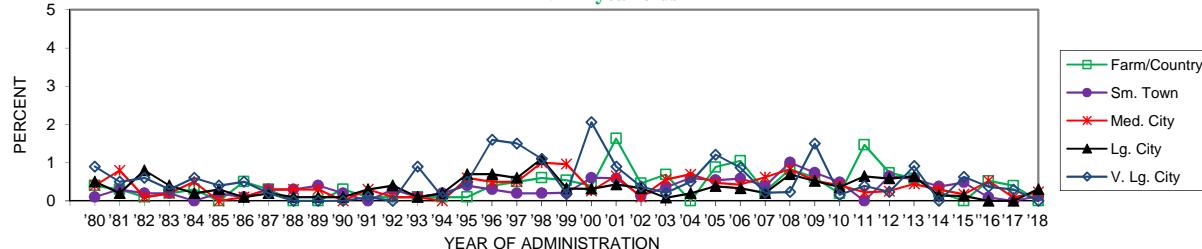


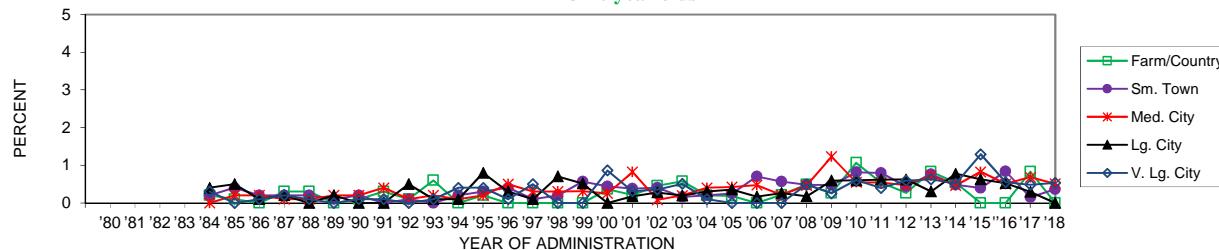
FIGURE 42
Trends in Annual Heroin Use by Urbanicity (4 yr. Age Groups)

19-22 year olds



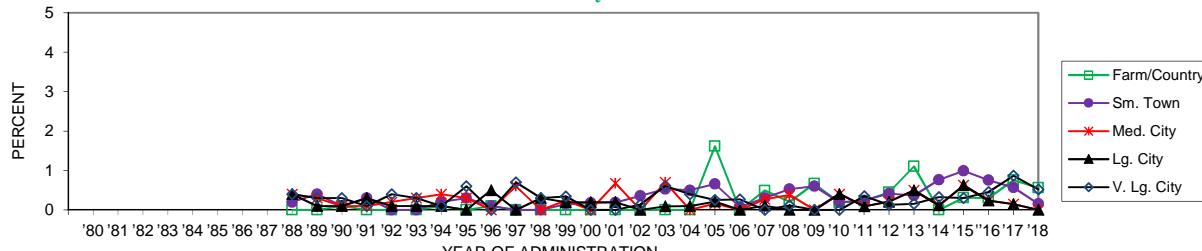
	'80	'81	'82	'83	'84	'85	'86	'87	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'17-'18 change
Farm/Country	0.4	0.3	0.1	0.2	0.3	0.0	0.5	0.3	0.0	0.0	0.3	0.1	0.1	0.1	0.1	0.4	0.5	0.6	0.5	0.4	1.6	0.5	0.7	0.0	0.9	1.0	0.2	0.8	0.6	0.2	1.5	0.7	0.6	0.2	0.0	0.5	0.4	0.0	-0.4	
Sm. Town	0.1	0.3	0.2	0.2	0.0	0.2	0.1	0.3	0.3	0.4	0.2	0.0	0.3	0.1	0.2	0.4	0.3	0.2	0.2	0.2	0.6	0.6	0.1	0.4	0.6	0.5	0.6	0.4	0.5	0.1	0.0	0.1	0.0	0.1	+0.1					
Med. City	0.4	0.8	0.1	0.2	0.5	0.0	0.1	0.3	0.3	0.3	0.0	0.3	0.1	0.1	0.0	0.6	0.5	0.5	1.0	1.0	0.3	0.1	0.6	0.7	0.5	0.4	0.6	0.8	0.5	0.2	0.3	0.4	0.3	0.2	0.5	0.1	0.2	+0.1		
Lg. City	0.5	0.2	0.8	0.4	0.2	0.3	0.1	0.2	0.1	0.1	0.1	0.3	0.4	0.1	0.2	0.7	0.7	0.6	1.1	0.3	0.3	0.4	0.3	0.1	0.2	0.4	0.3	0.2	0.7	0.5	0.4	0.6	0.6	0.1	0.1	0.0	0.0	0.3	+0.3	
V. Lg. City	0.9	0.5	0.6	0.3	0.6	0.4	0.5	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.9	0.1	0.5	1.1	1.1	0.2	2.1	0.9	0.4	0.2	0.5	1.2	0.9	0.2	0.2	1.5	0.2	0.4	0.2	0.9	0.0	0.6	0.4	0.3	0.0	-0.3

23-26 year olds



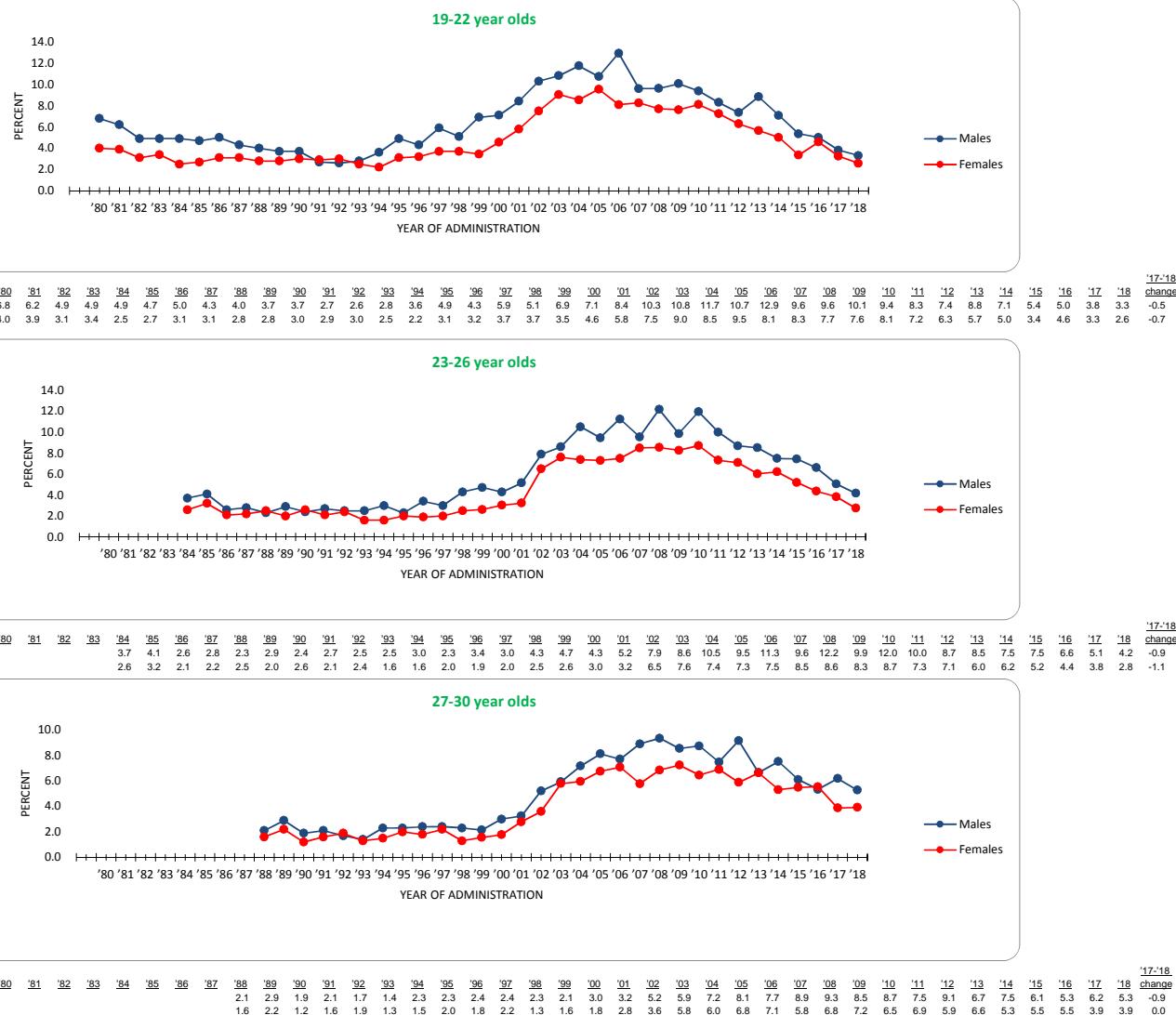
	'80	'81	'82	'83	'84	'85	'86	'87	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'17-'18 change
Farm/Country	0.2	0.1	0.0	0.3	0.3	0.0	0.1	0.3	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.4	0.2	0.5	0.6	0.0	0.2	0.2	0.0	0.2	0.5	0.3	1.1	0.8	0.5	0.0	0.0	0.8	0.0	-0.8				
Sm. Town	0.2	0.4	0.2	0.2	0.2	0.1	0.2	0.0	0.1	0.0	0.2	0.3	0.4	0.1	0.2	0.6	0.4	0.4	0.4	0.2	0.2	0.3	0.7	0.6	0.5	0.5	0.8	0.8	0.4	0.5	0.4	0.8	0.1	0.4	+0.2					
Med. City	0.0	0.2	0.2	0.1	0.1	0.2	0.2	0.4	0.1	0.2	0.1	0.2	0.5	0.3	0.3	0.3	0.3	0.8	0.1	0.2	0.4	0.4	0.5	0.2	0.5	1.2	0.5	0.5	0.5	0.7	0.5	0.7	0.5	0.2	-0.2					
Lg. City	0.4	0.5	0.1	0.2	0.0	0.0	0.0	0.5	0.1	0.1	0.8	0.3	0.1	0.7	0.5	0.0	0.2	0.3	0.2	0.3	0.4	0.2	0.3	0.2	0.3	0.4	0.2	0.3	0.2	0.6	0.6	0.6	0.3	0.8	0.6	0.5	0.3	0.0	-0.3	
V. Lg. City	0.3	0.0	0.1	0.2	0.1	0.0	0.1	0.1	0.4	0.4	0.1	0.5	0.0	0.0	0.9	0.3	0.4	0.5	0.1	0.0	0.0	0.0	0.5	0.3	0.6	0.4	0.6	0.6	0.5	1.3	0.5	0.5	0.5	0.0	+0.1					

27-30 year olds



	'80	'81	'82	'83	'84	'85	'86	'87	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'17-'18 change
Farm/Country	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.7	0.2	0.2	0.4	1.1	0.0	0.3	0.3	0.8	0.6	-0.2			
Sm. Town	0.2	0.4	0.1	0.3	0.0	0.0	0.2	0.3	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.2	0.2	0.4	0.5	0.5	0.7	0.1	0.3	0.5	0.6	0.2	0.2	0.4	0.4	0.8	1.0	0.8	0.6	0.2	-0.4					
Med. City	0.4	0.3	0.1	0.1	0.2	0.3	0.4	0.3	0.0	0.6	0.0	0.2	0.0	0.7	0.0	0.7	0.0	0.2	0.0	0.3	0.0	0.4	0.0	0.4	0.1	0.2	0.5	0.1	0.6	0.2	0.1	0.0	0.0	-0.6						
Lg. City	0.4	0.1	0.1	0.3	0.1	0.1	0.0	0.5	0.0	0.3	0.2	0.2	0.0	0.1	0.1	0.2	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-0.1				
V. Lg. City	0.4	0.3	0.3	0.1	0.4	0.3	0.1	0.6	0.0	0.7	0.3	0.3	0.0	0.0	0.1	0.6	0.4	0.3	0.3	0.0	0.1	0.0	0.0	0.3	0.0	0.1	0.0	0.0	0.3	0.5	0.9	0.5	0.0	-0.3						

FIGURE 43
Trends in Annual Narcotics Other Than Heroin Use by Gender (4 yr. Age Groupings)



* adjusted

FIGURE 44
Trends in Narcotics Other Than Heroin Use by Region (1-10 yrs. Past High School)

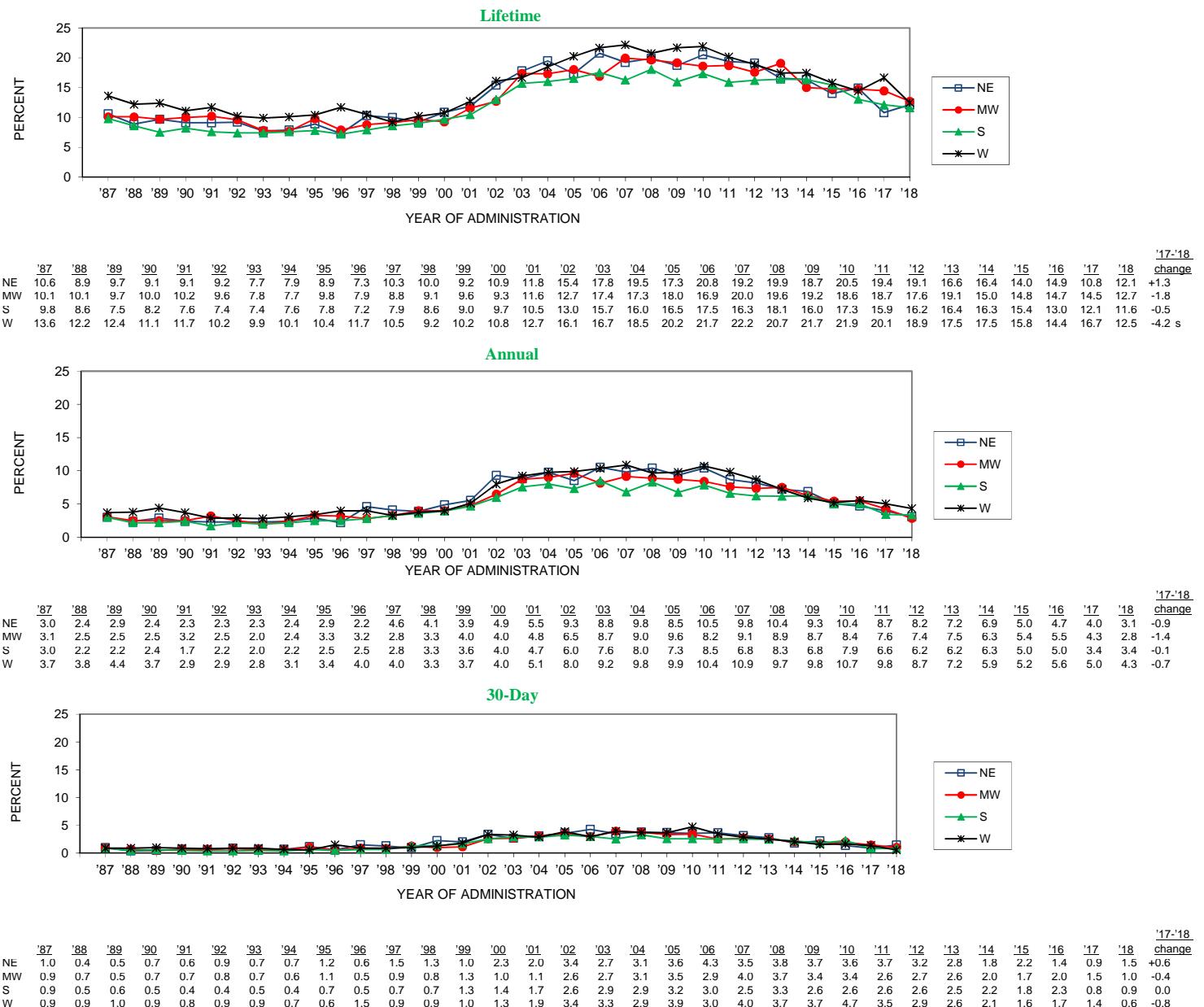


FIGURE 45
Trends in Annual Narcotics Other Than Heroin Use by Urbanicity (4 yr. Age Groups)

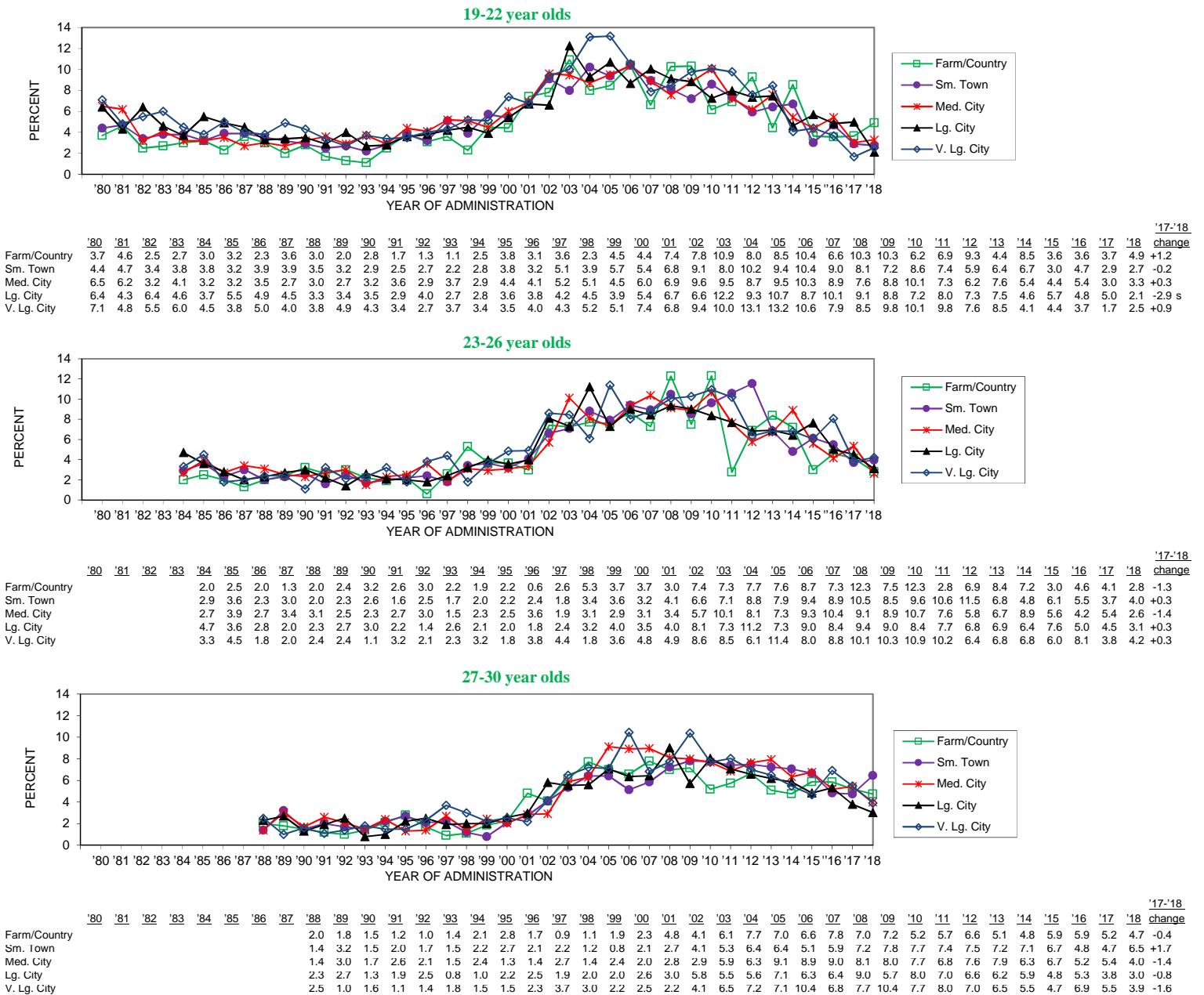


FIGURE 46
Trends in Annual OxyContin by Gender (4 yr. Age Groupings)

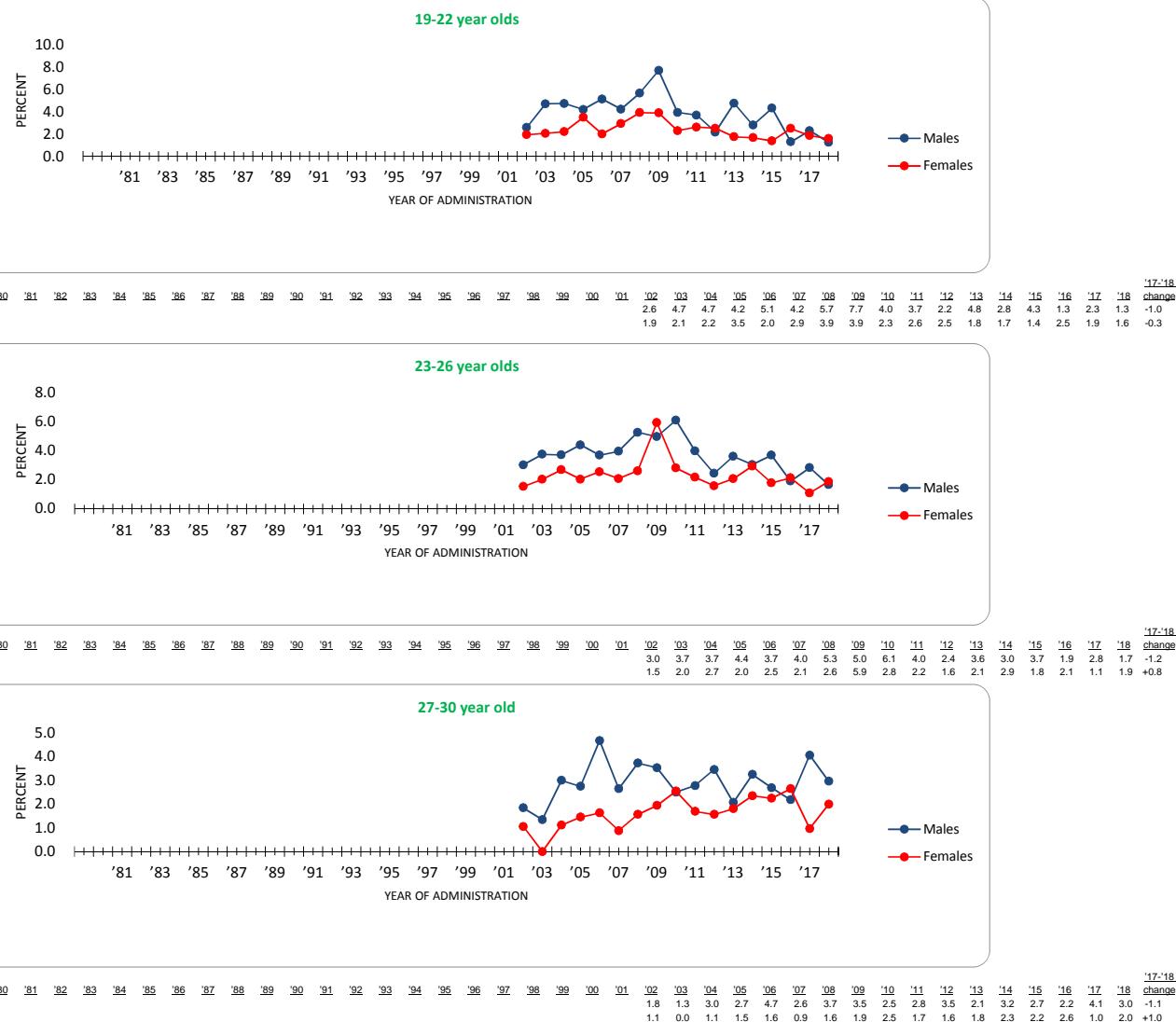


FIGURE 47
Trends in OxyContin Use by Region (1-10 yrs. Past High School)

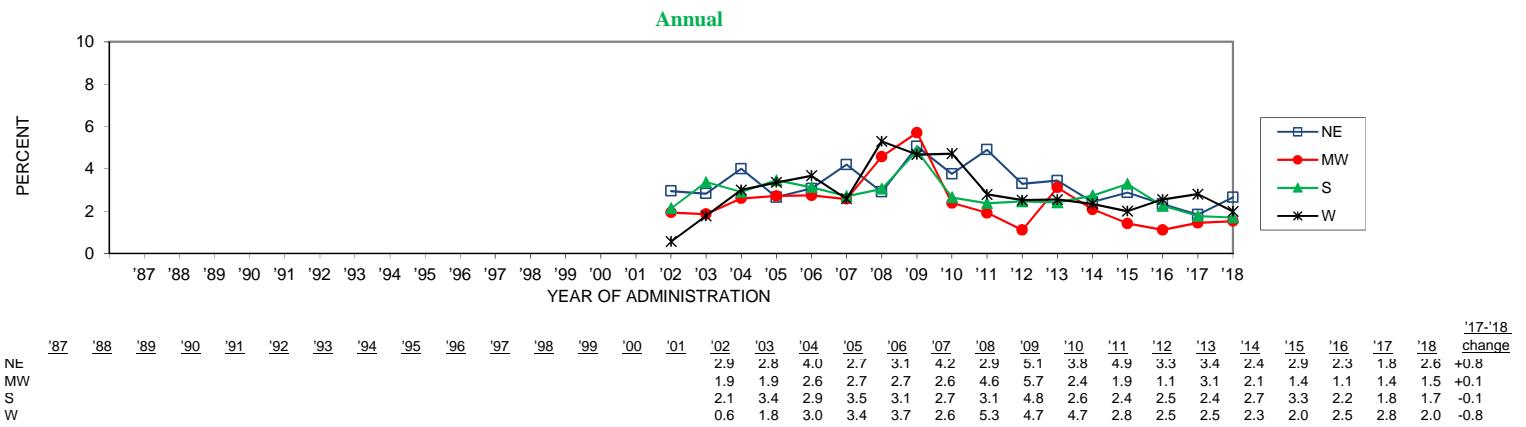


FIGURE 48
Trends in Annual OxyContin Use by Urbanicity (4 yr. Age Groups)

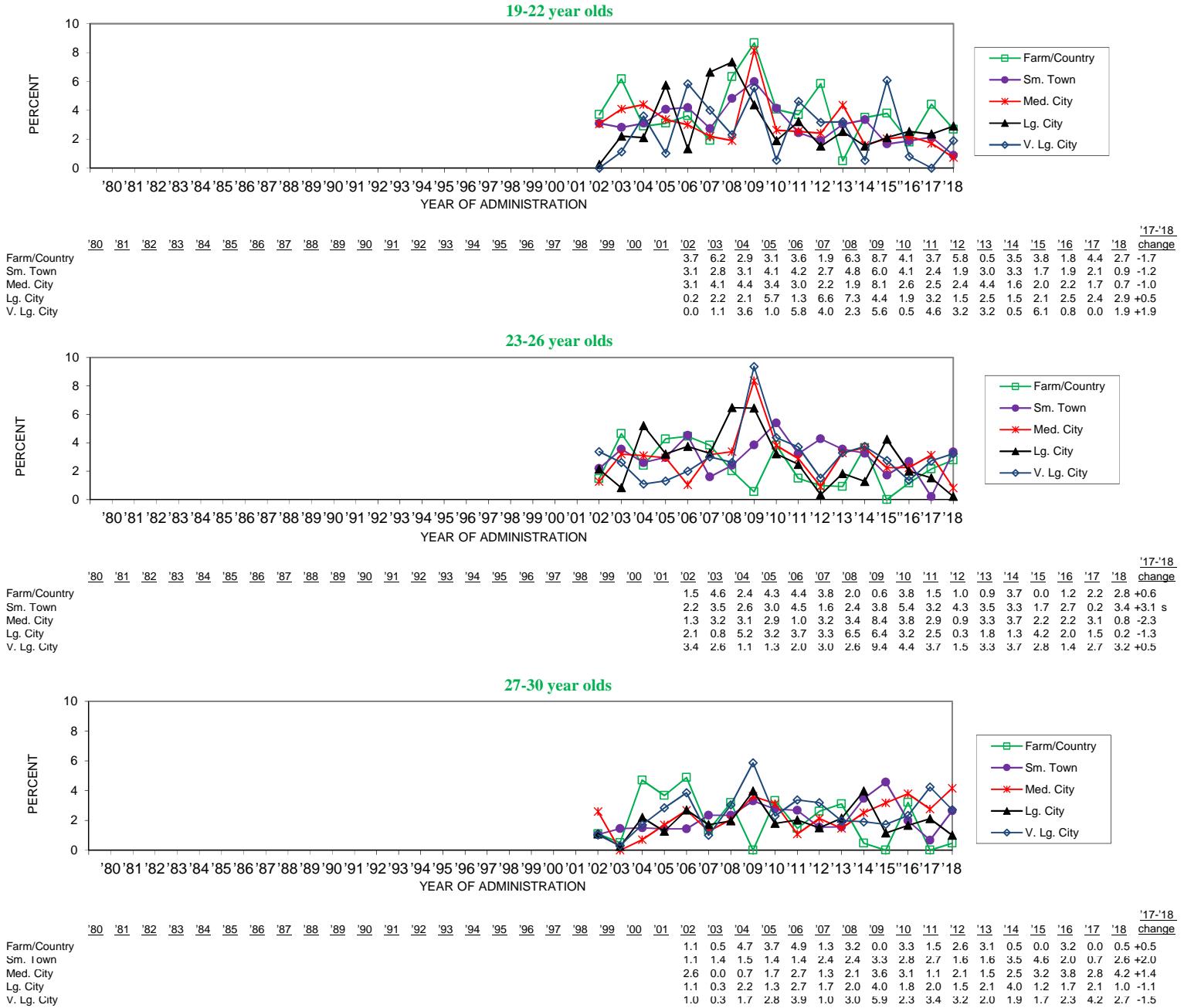


FIGURE 49
Trends in Annual Vicodin by Gender (4 yr. Age Groupings)

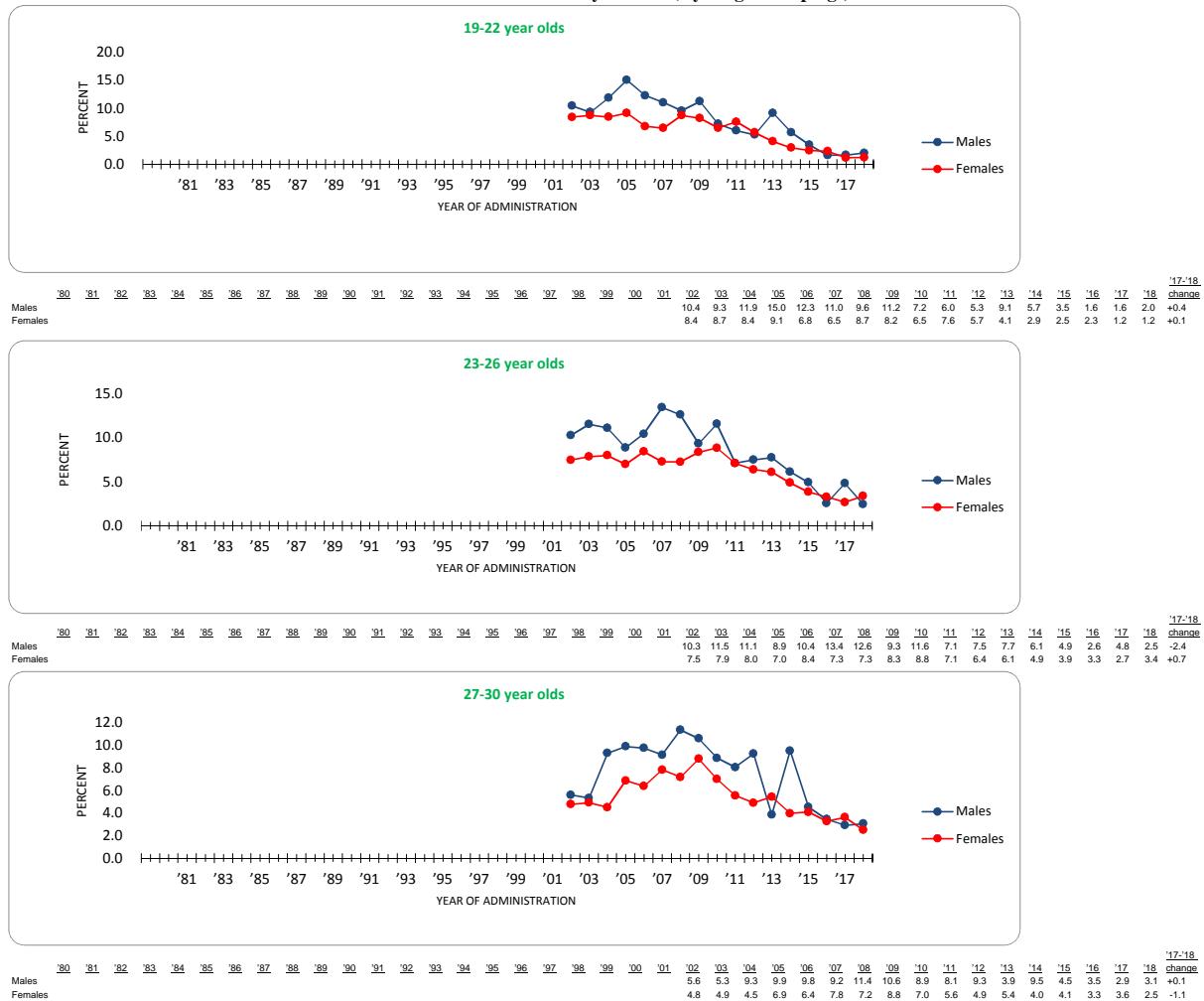


FIGURE 50
Trends in Vicodin Use by Region (1-10 yrs. Past High School)

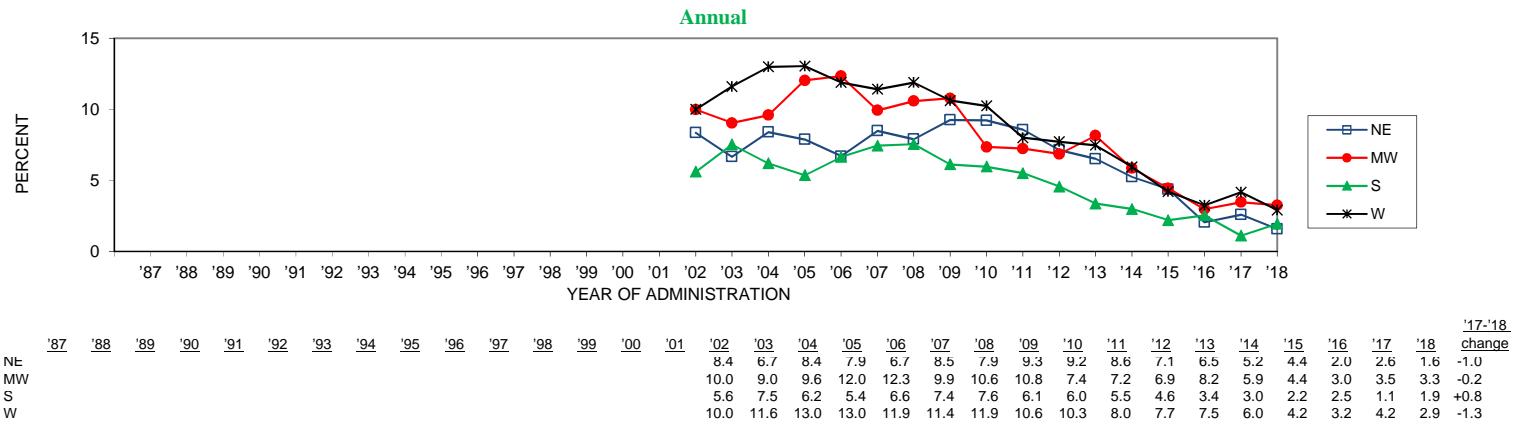


FIGURE 51
Trends in Annual Vicodin Use by Urbanicity (4 yr. Age Groups)

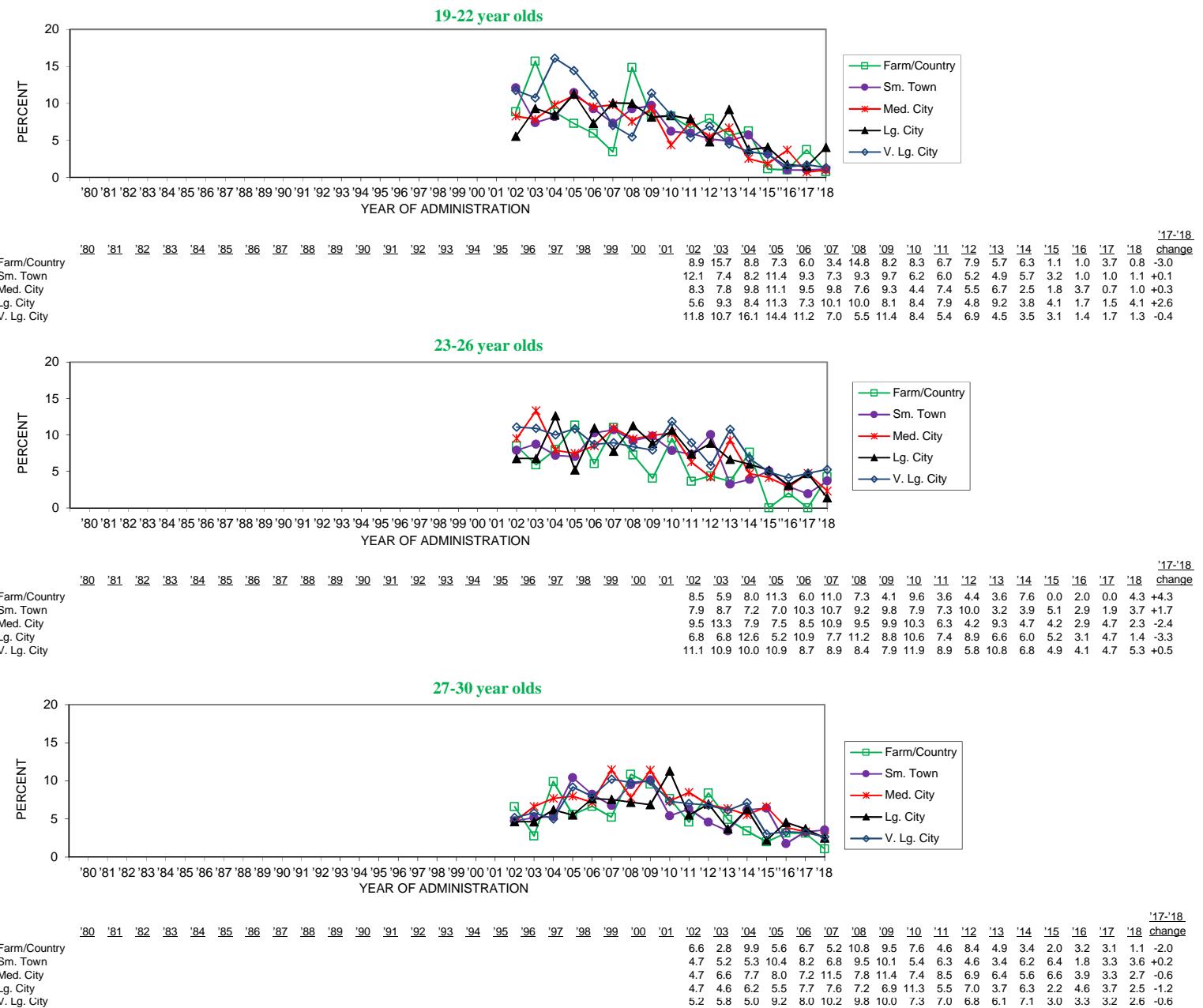


FIGURE 52
Trends in Annual Amphetamine Use by Gender (4 yr. Age Groupings)

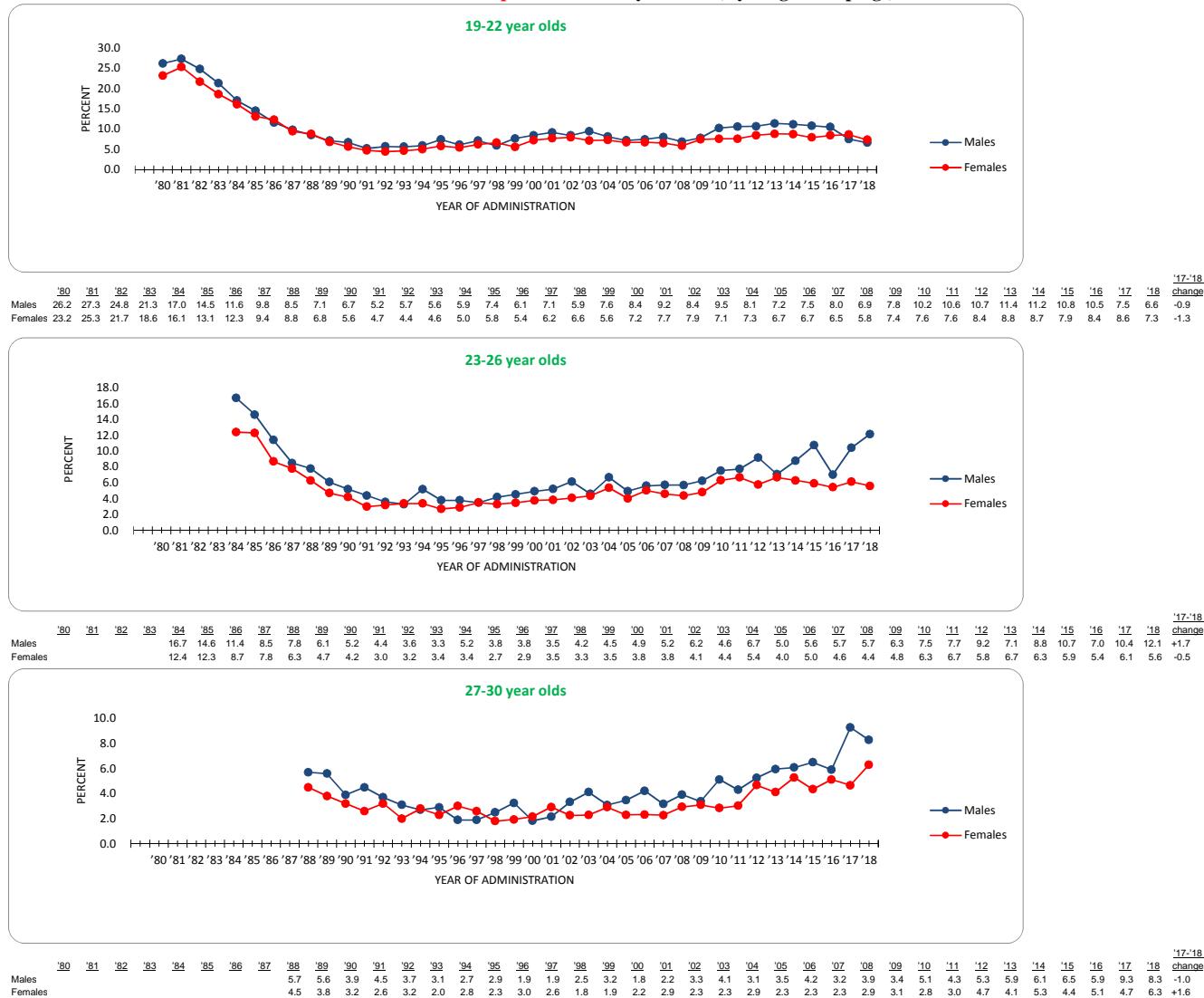


FIGURE 53
Trends in Amphetamine Use by Region (1-10 yrs. Past High School)

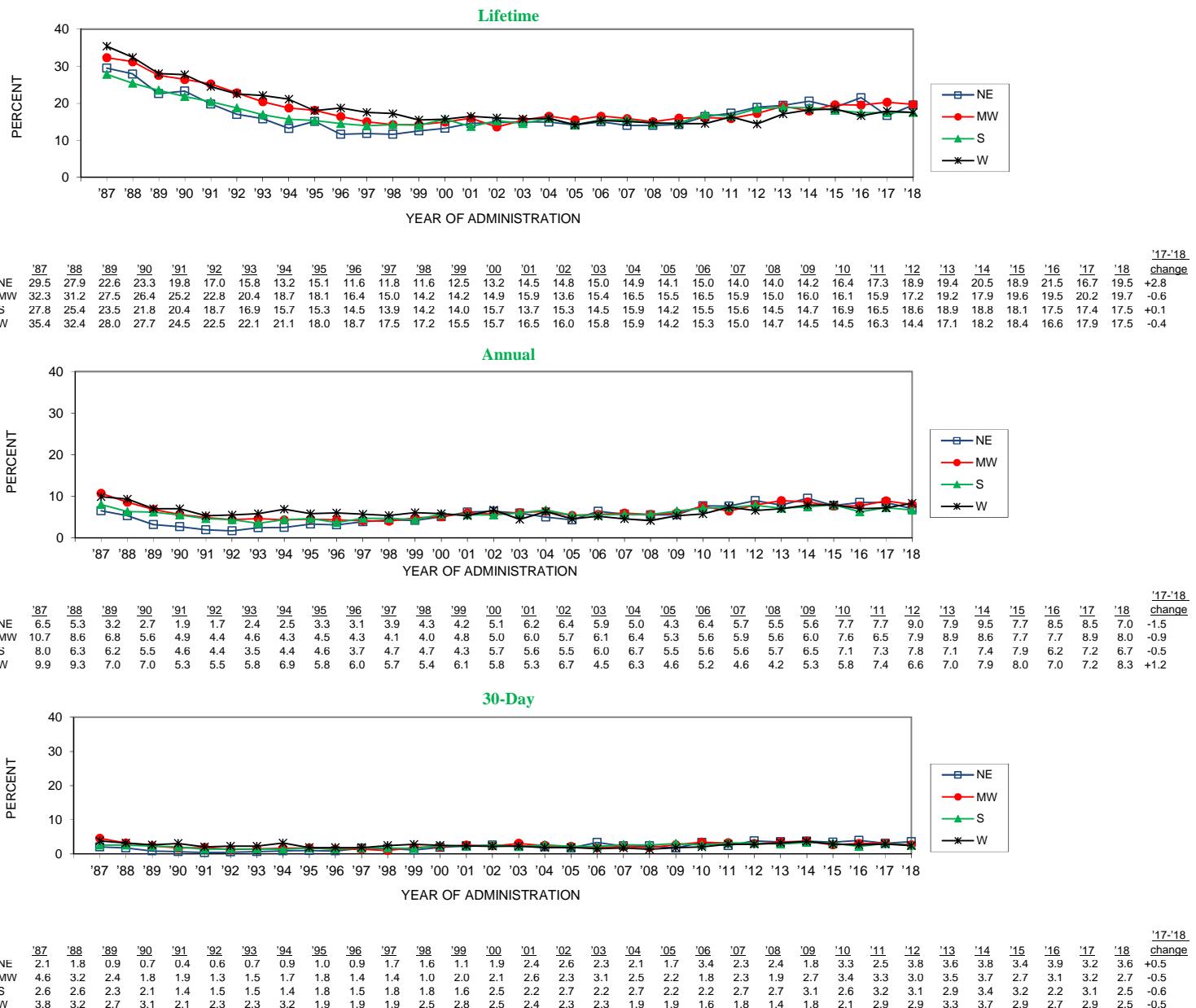


FIGURE 54
Trends in Annual Amphetamine Use by Urbanicity (4 yr. Age Groups)

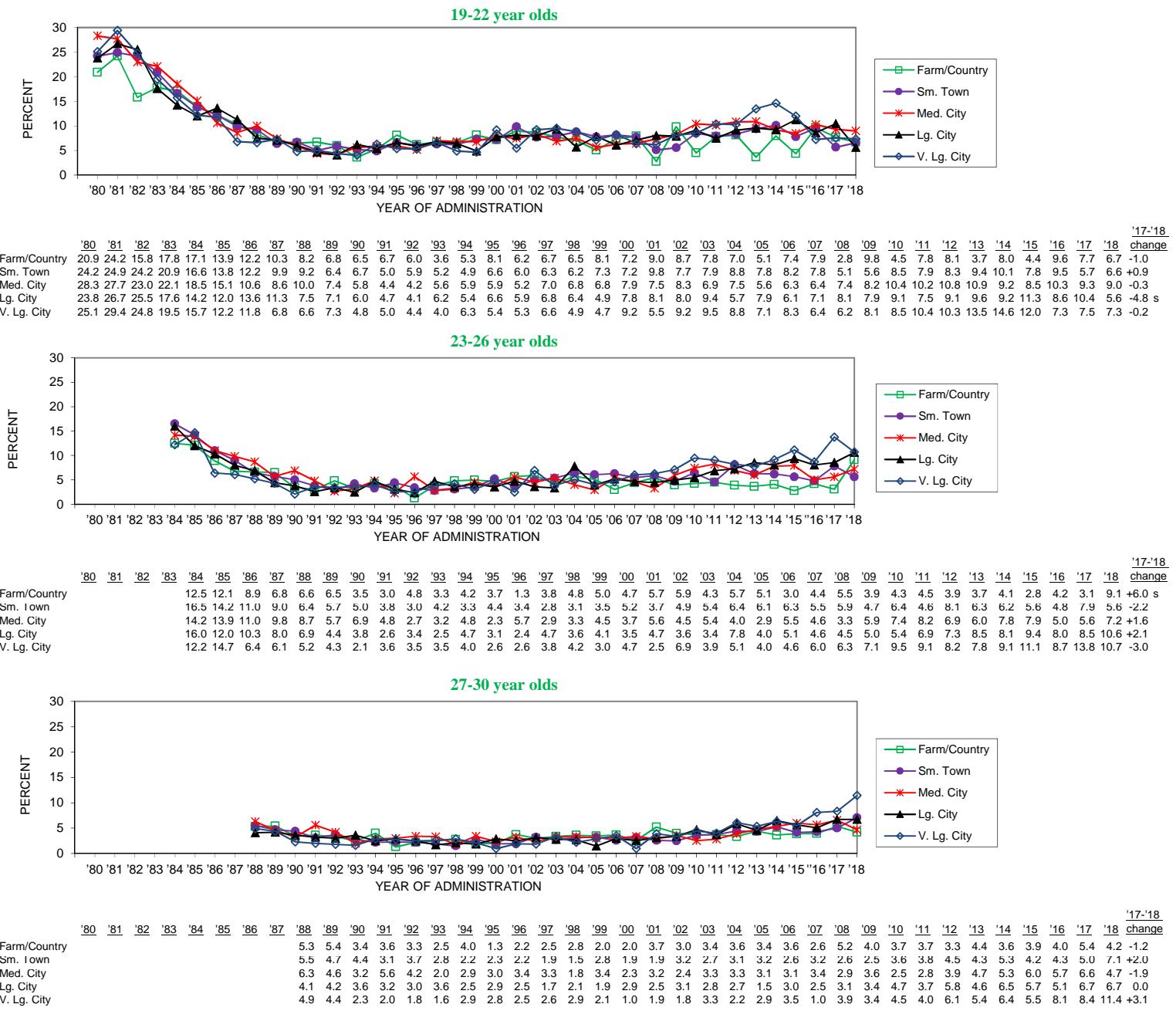


FIGURE 55
Trends in Annual Ritalin by Gender (4 yr. Age Groupings)

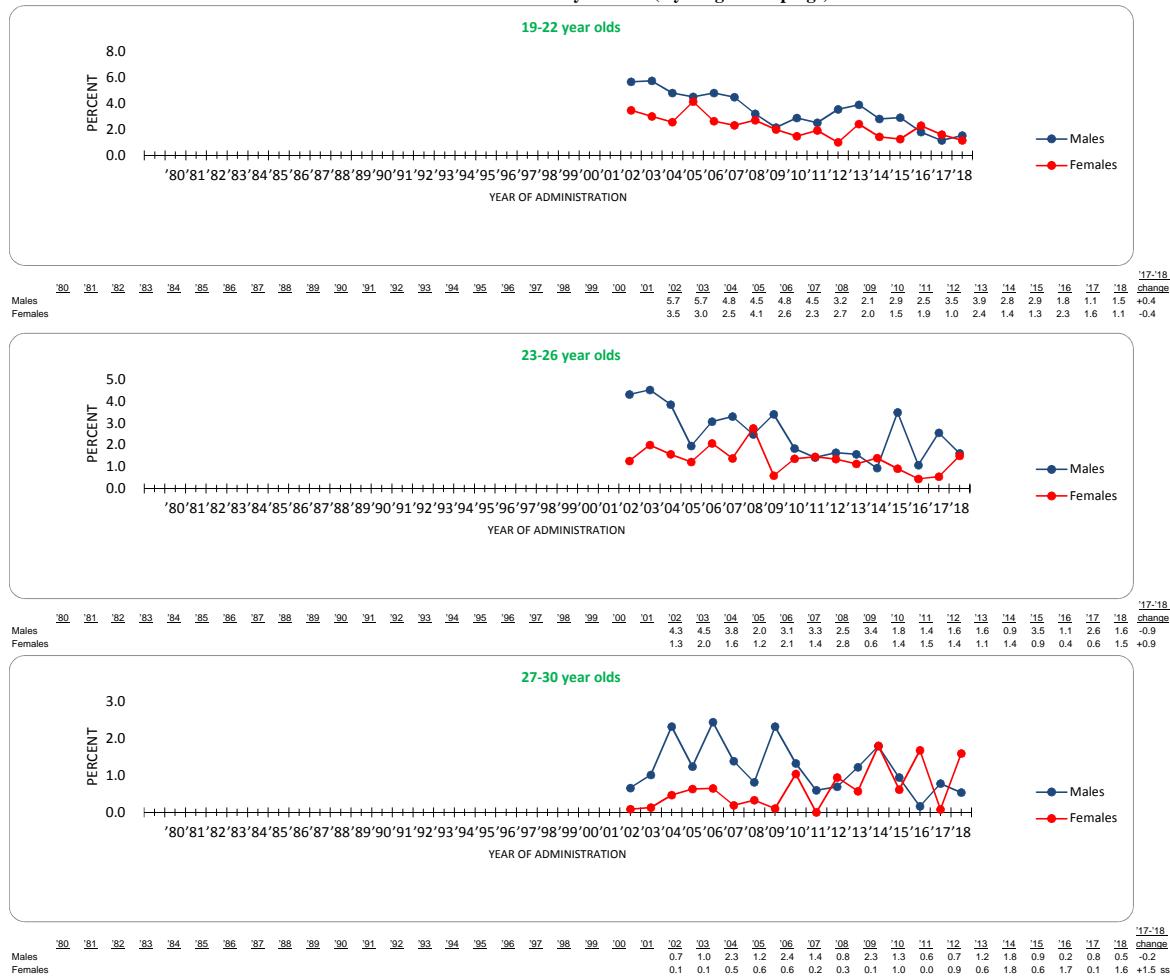


FIGURE 56
Trends in Ritalin Use by Region (1-10 yrs. Past High School)

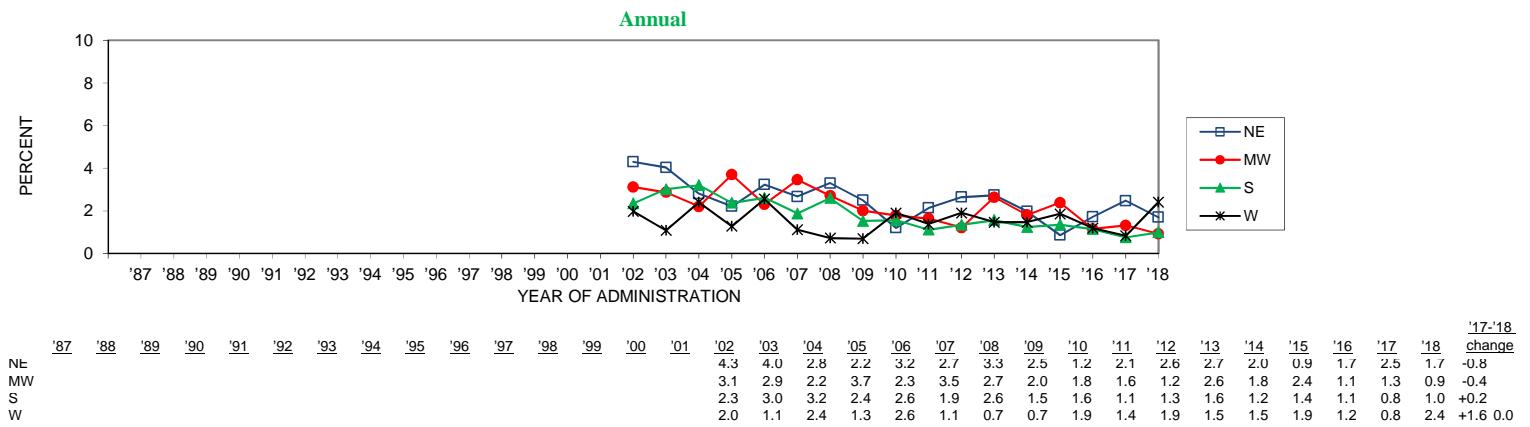


FIGURE 57
Trends in Annual Ritalin Use by Urbanicity (4 yr. Age Groups)

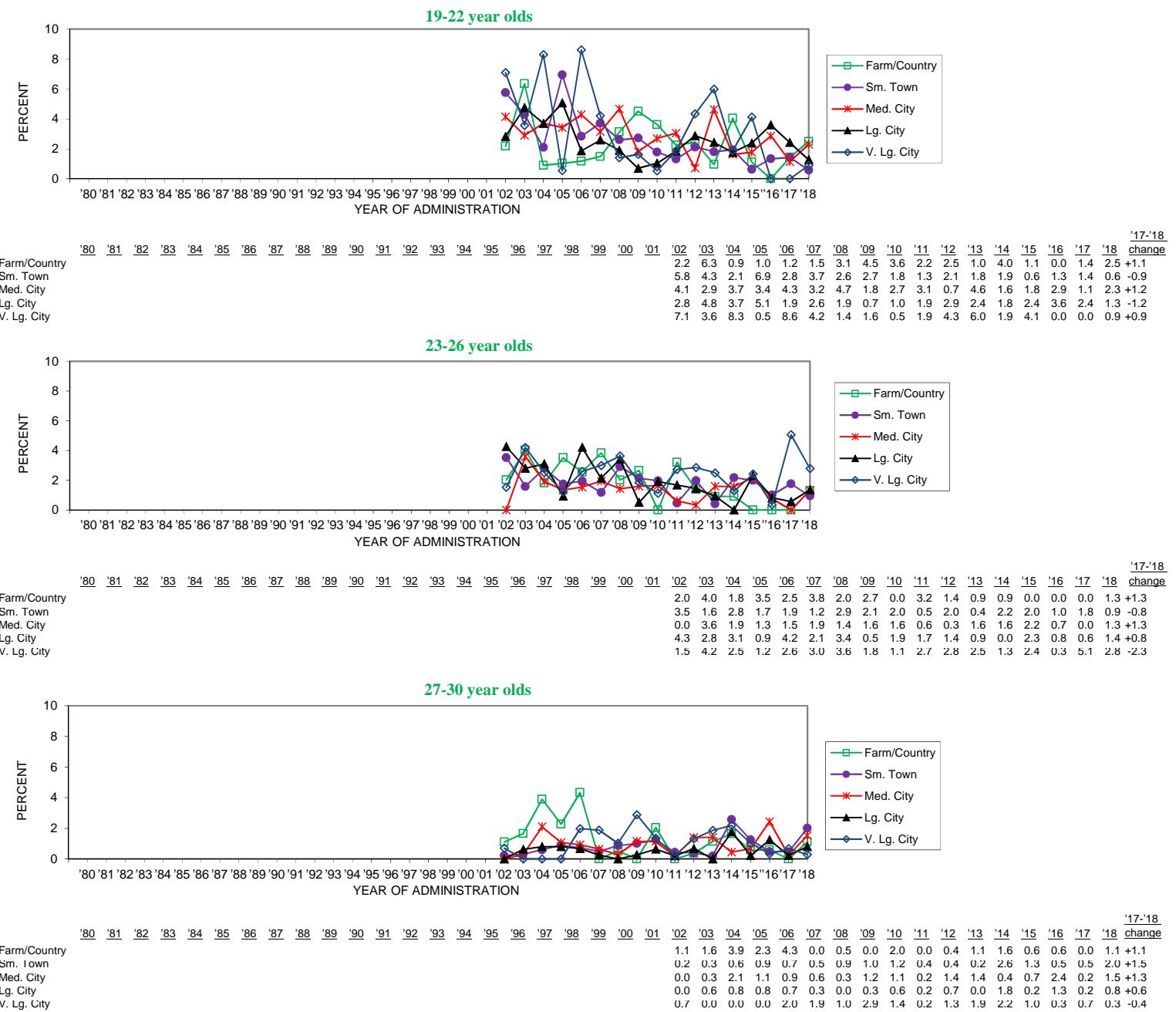


FIGURE 58
Trends in Annual Adderall by Gender (4 yr. Age Groupings)

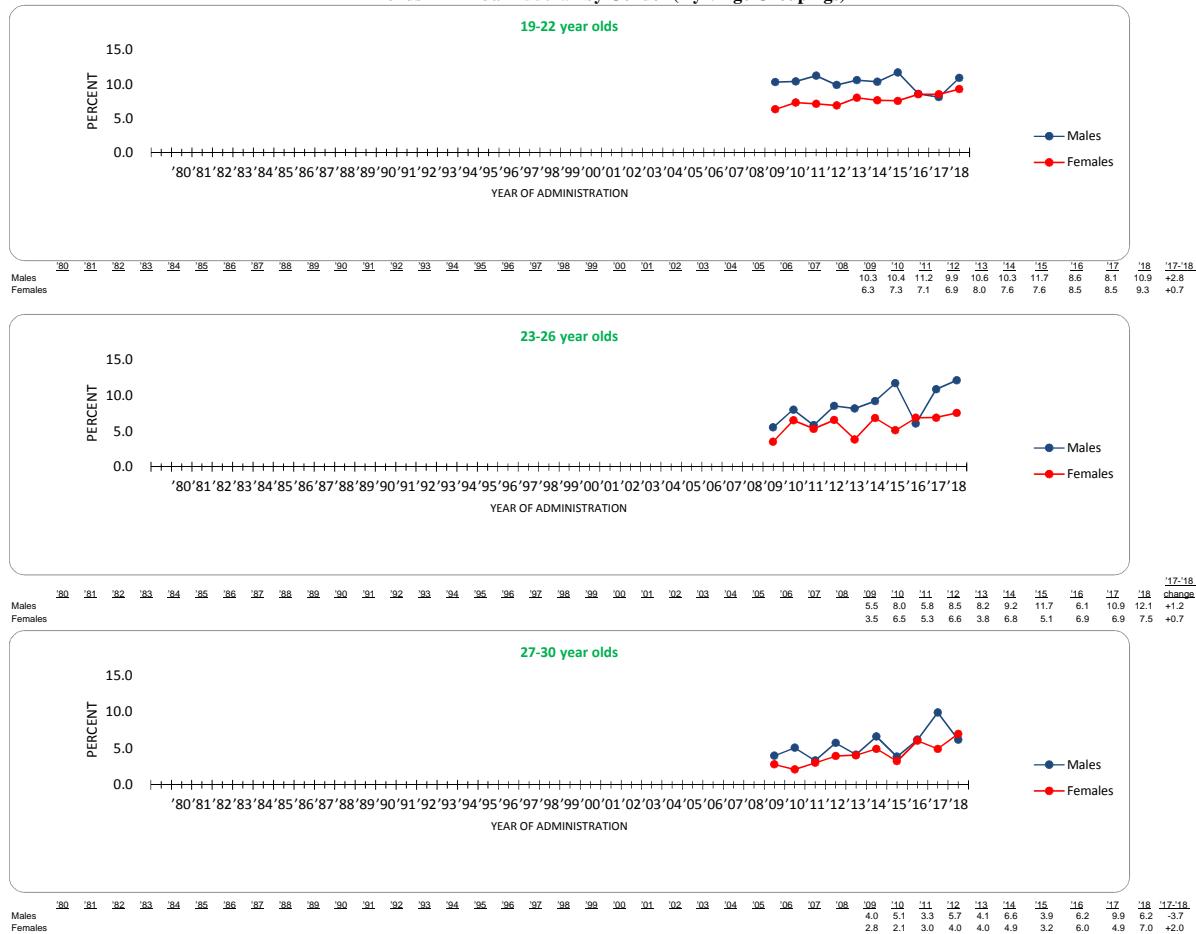


FIGURE 59
Trends in Annual Methamphetamine by Gender (4 yr. Age Groupings)

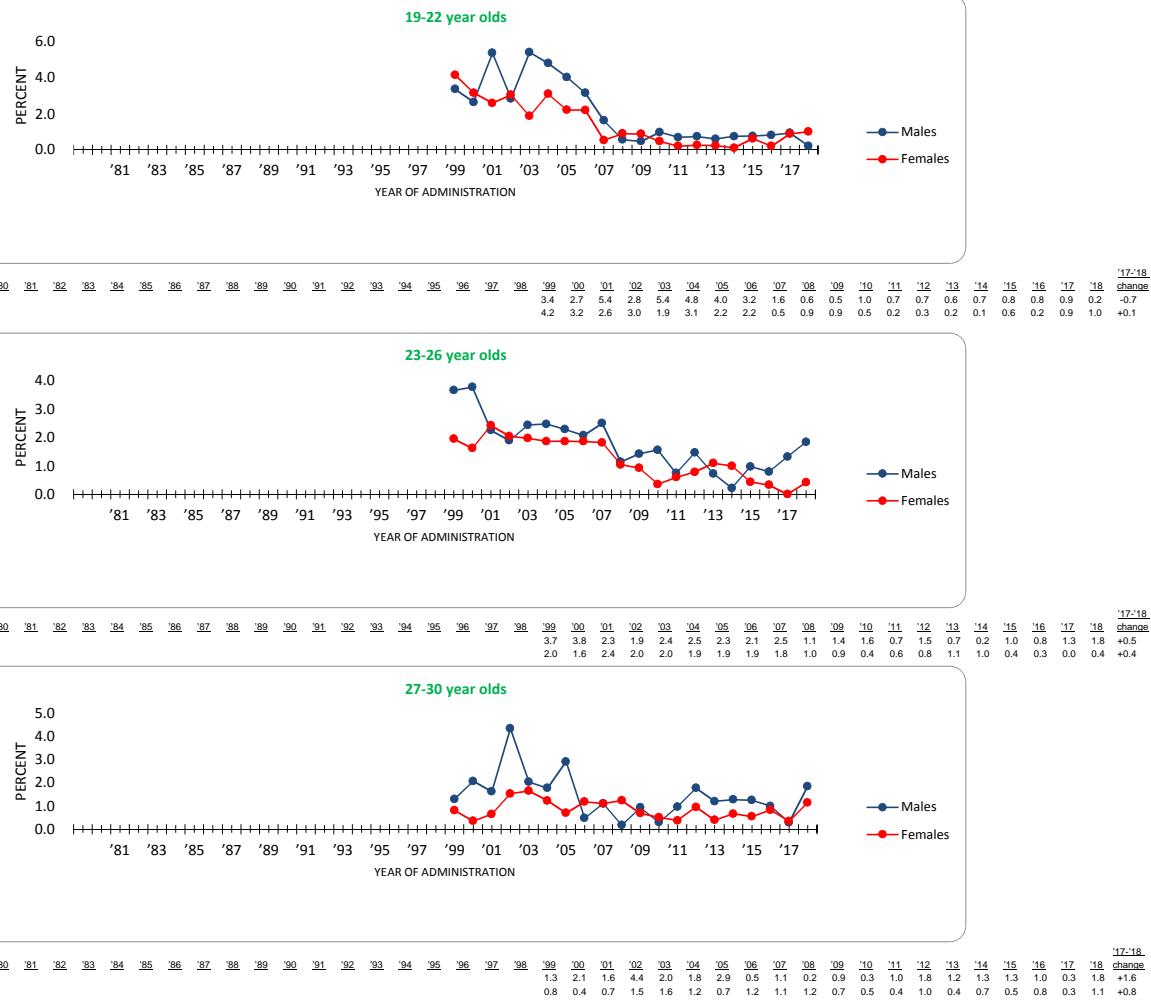


FIGURE 60
Trends in Methamphetamine Use by Region (1-10 yrs. Past High School)

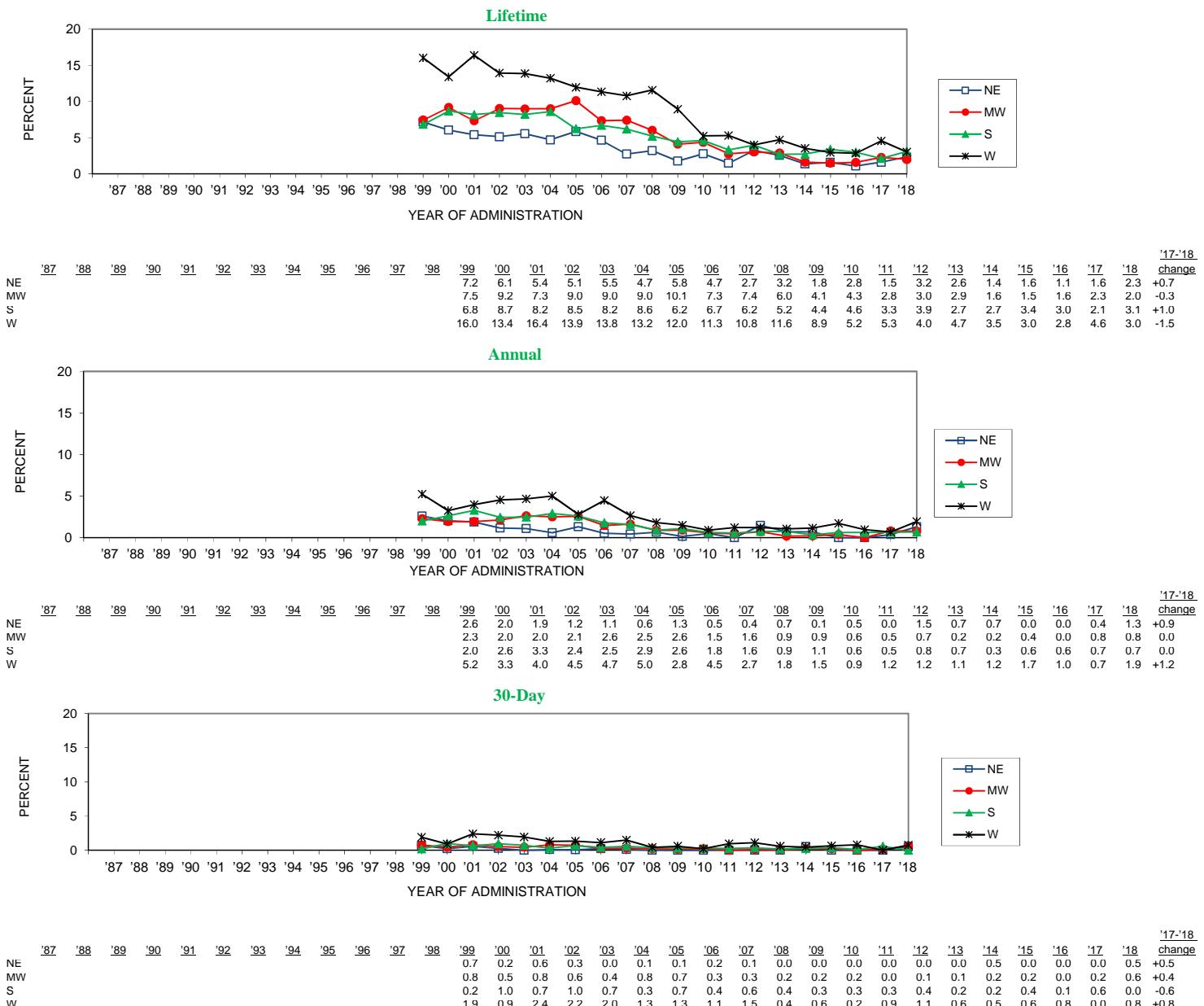


FIGURE 61

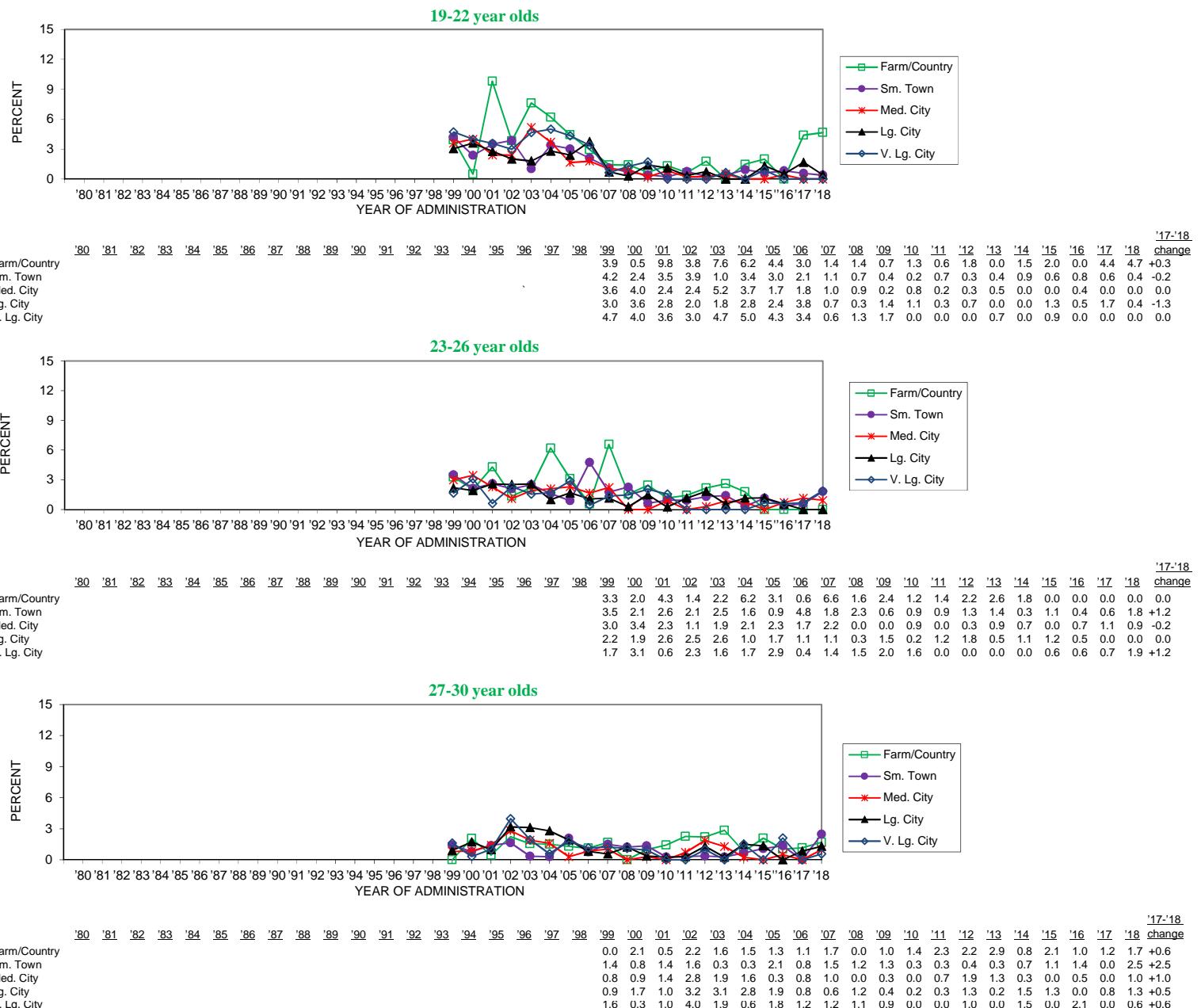


FIGURE 62
Trends in Annual Crystal Methamphetamine (Ice) Use by Gender (4 yr. Age Groupings)

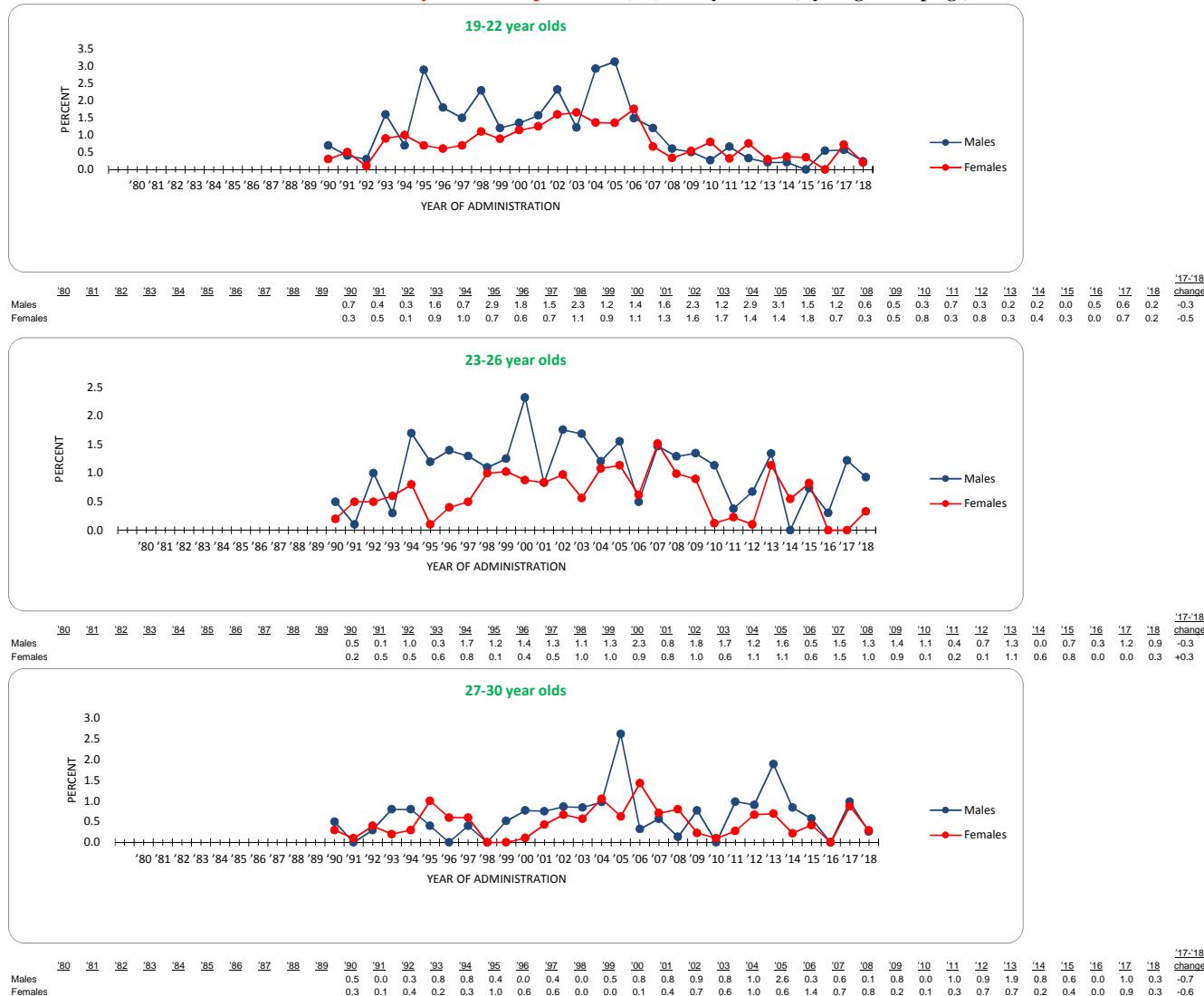
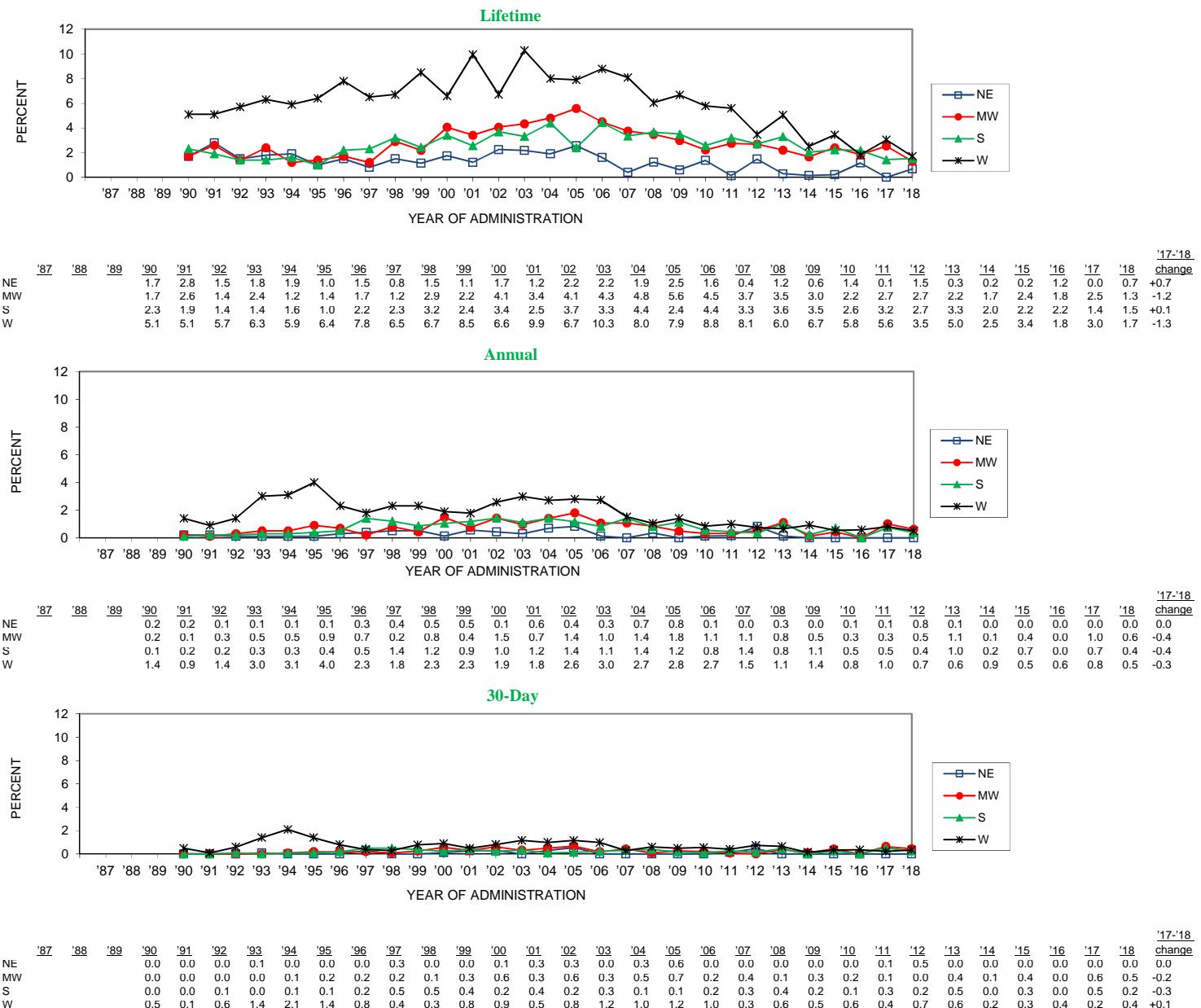


FIGURE 63
Trends in Crystal Meth (Ice) Use by Region (1-10 yrs. Past High School)



Note: Zeros in italics indicate a prevalence rate of less than 0.05%, but greater than true zero.

FIGURE 64

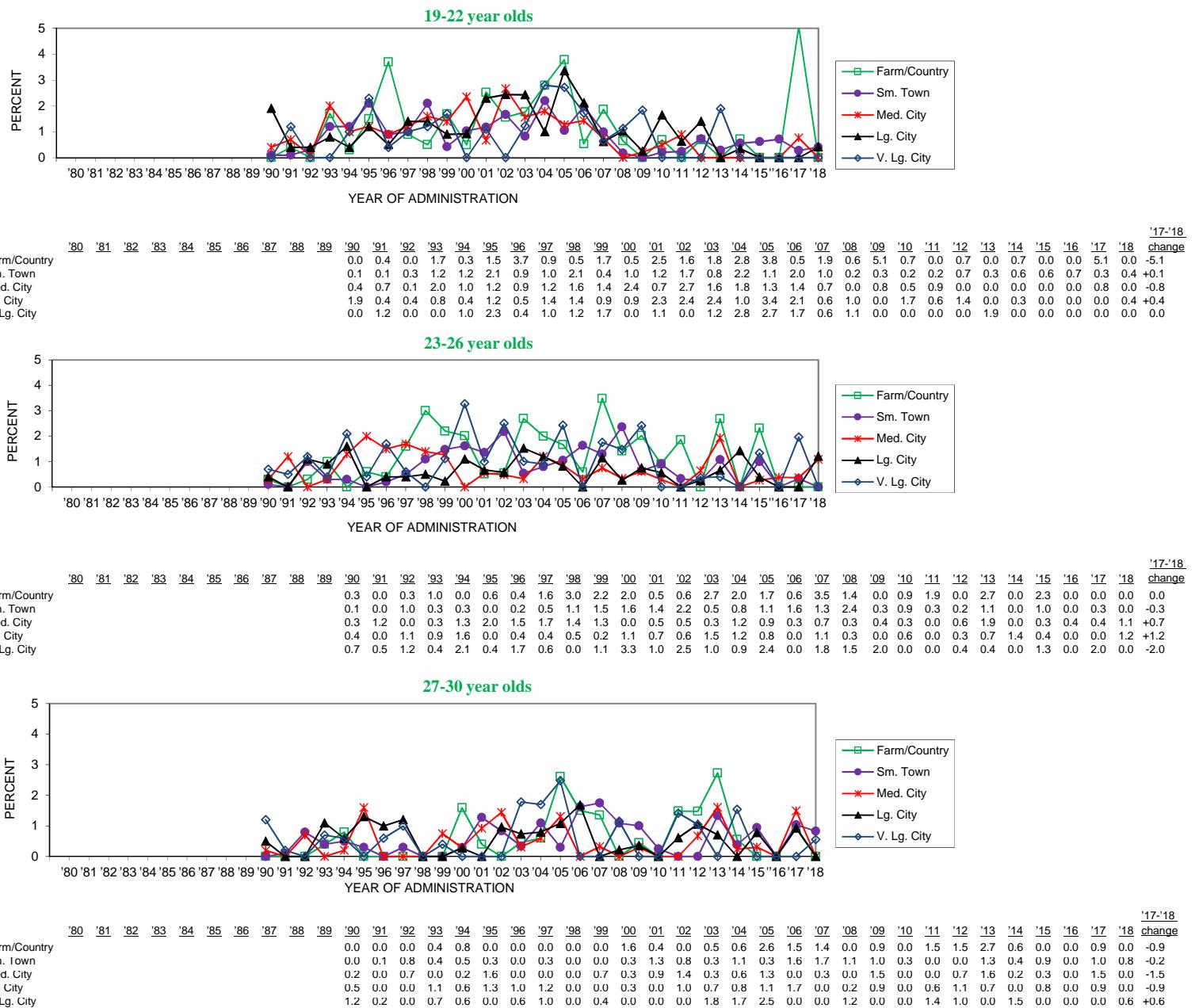


FIGURE 65
Trends in Annual Use of Bath Salts (Synthetic Stimulants) by Gender (4 yr. Age Groupings)

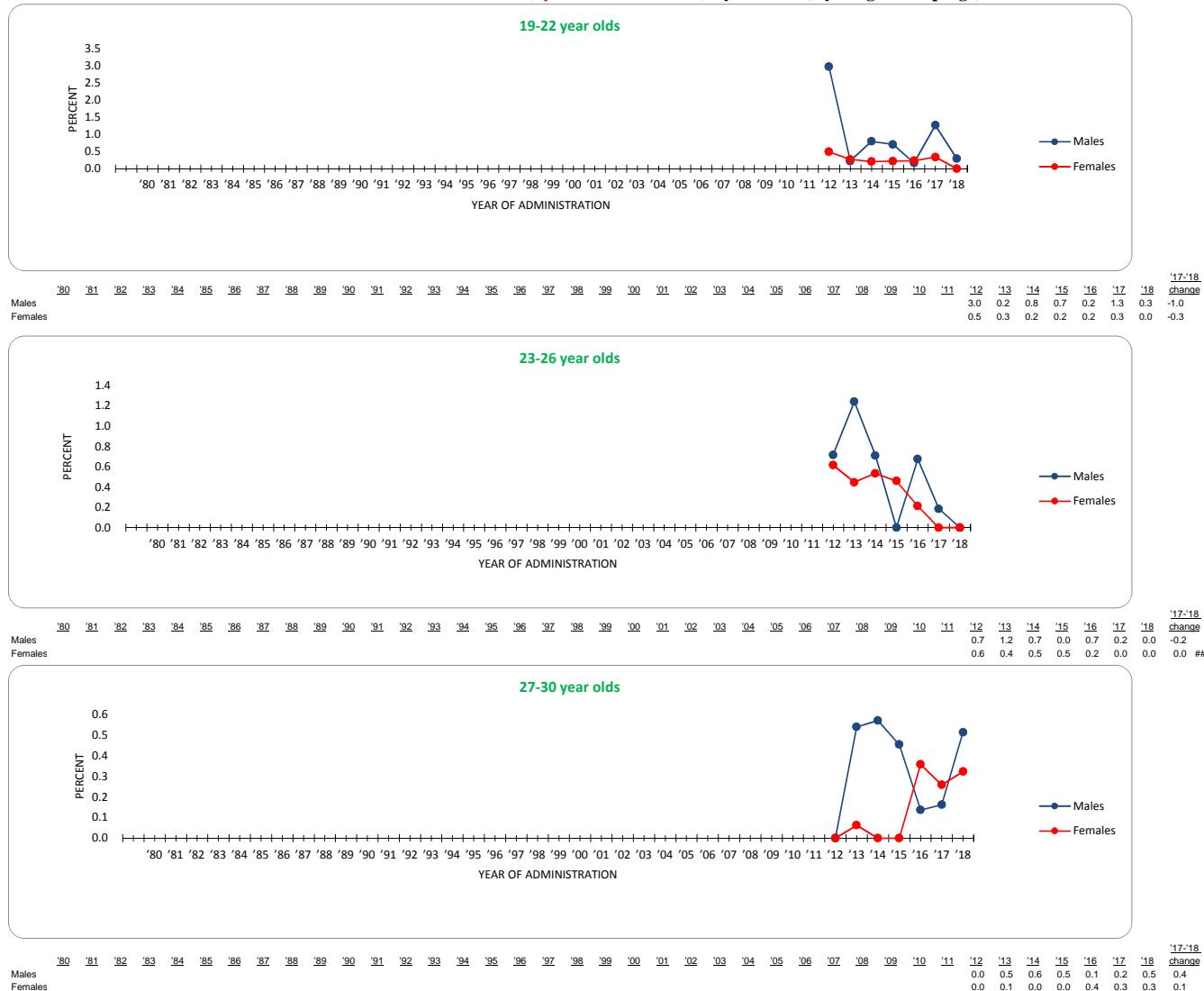


FIGURE 66
Trends in Use of Bath Salts (Synthetic Stimulants) by Region (1-10 yrs. Past High School)

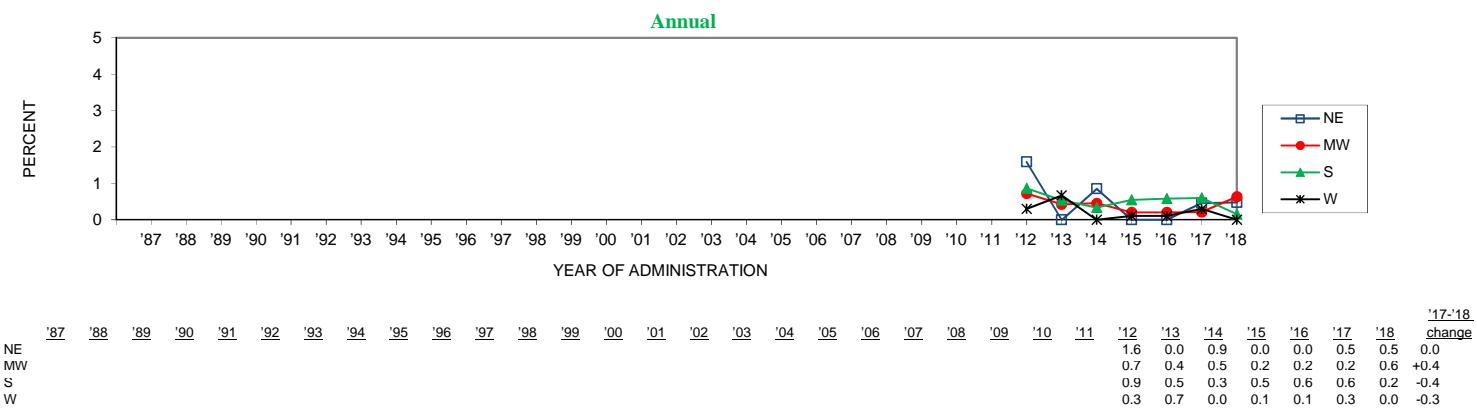


FIGURE 67

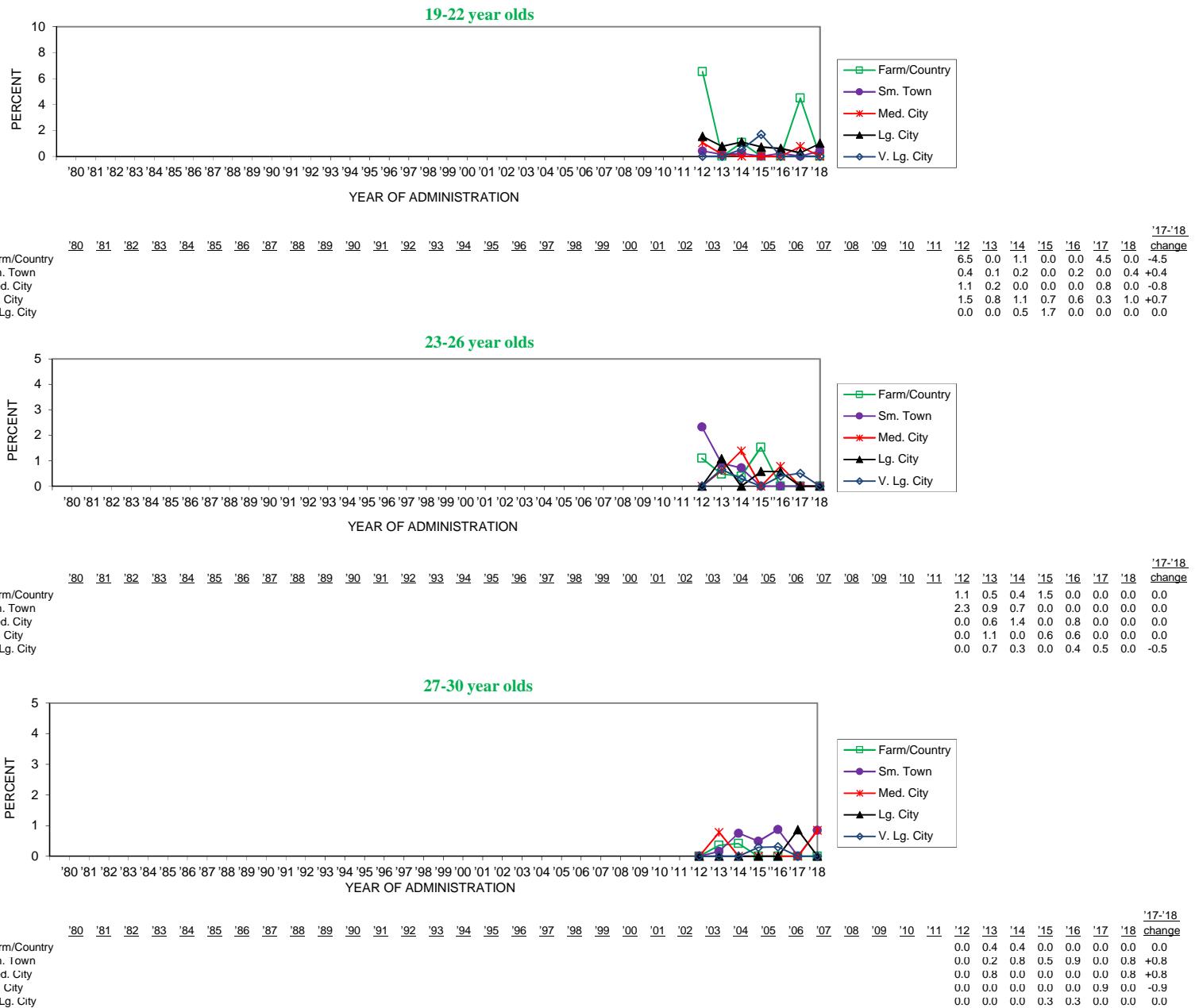


FIGURE 68
Trends in Annual Sedative (Barbiturate) Use by Gender (4 yr. Age Groupings)

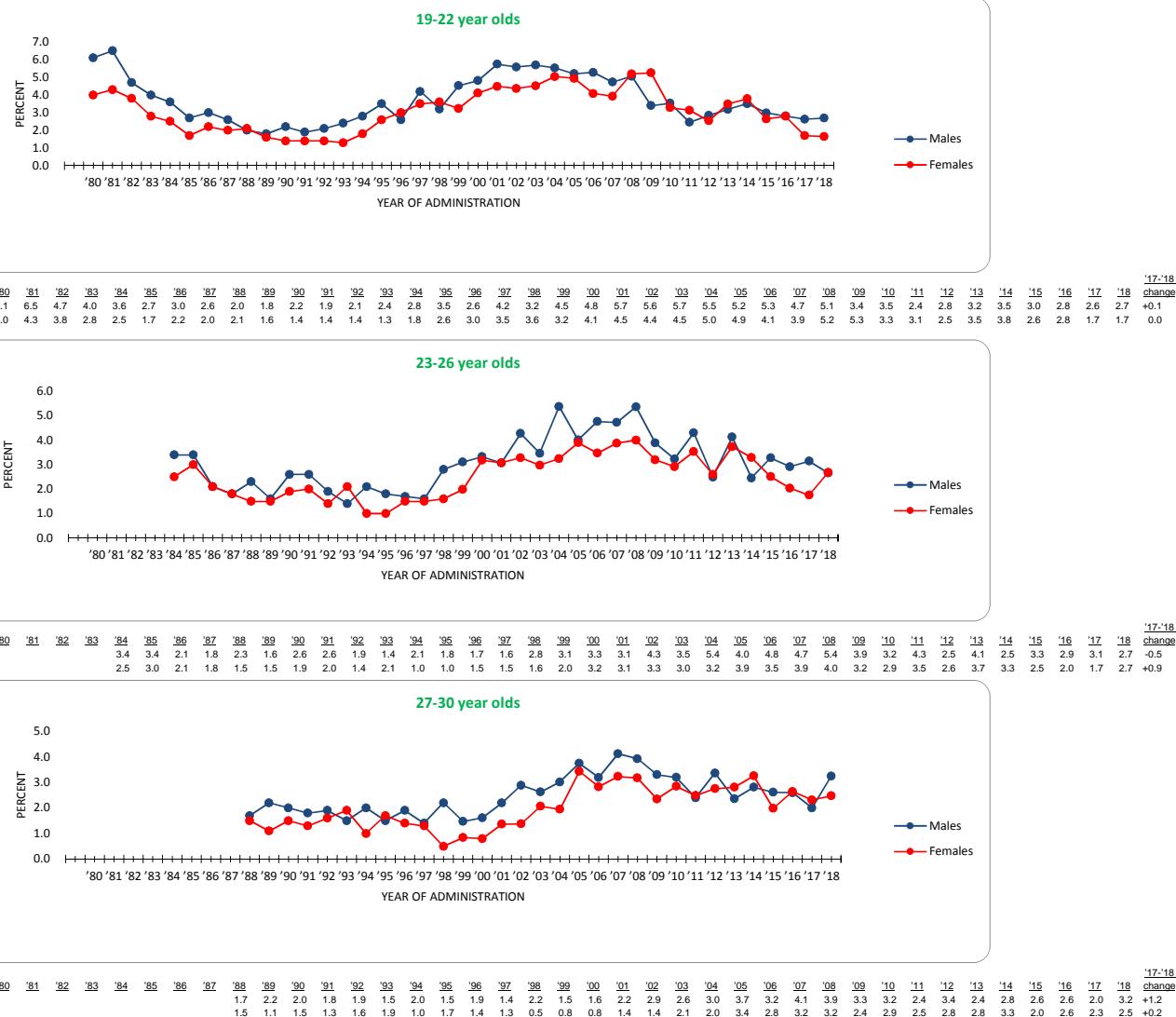


FIGURE 69
Trends in Sedative (Barbiturate) Use by Region (1-10 yrs. Past High School)

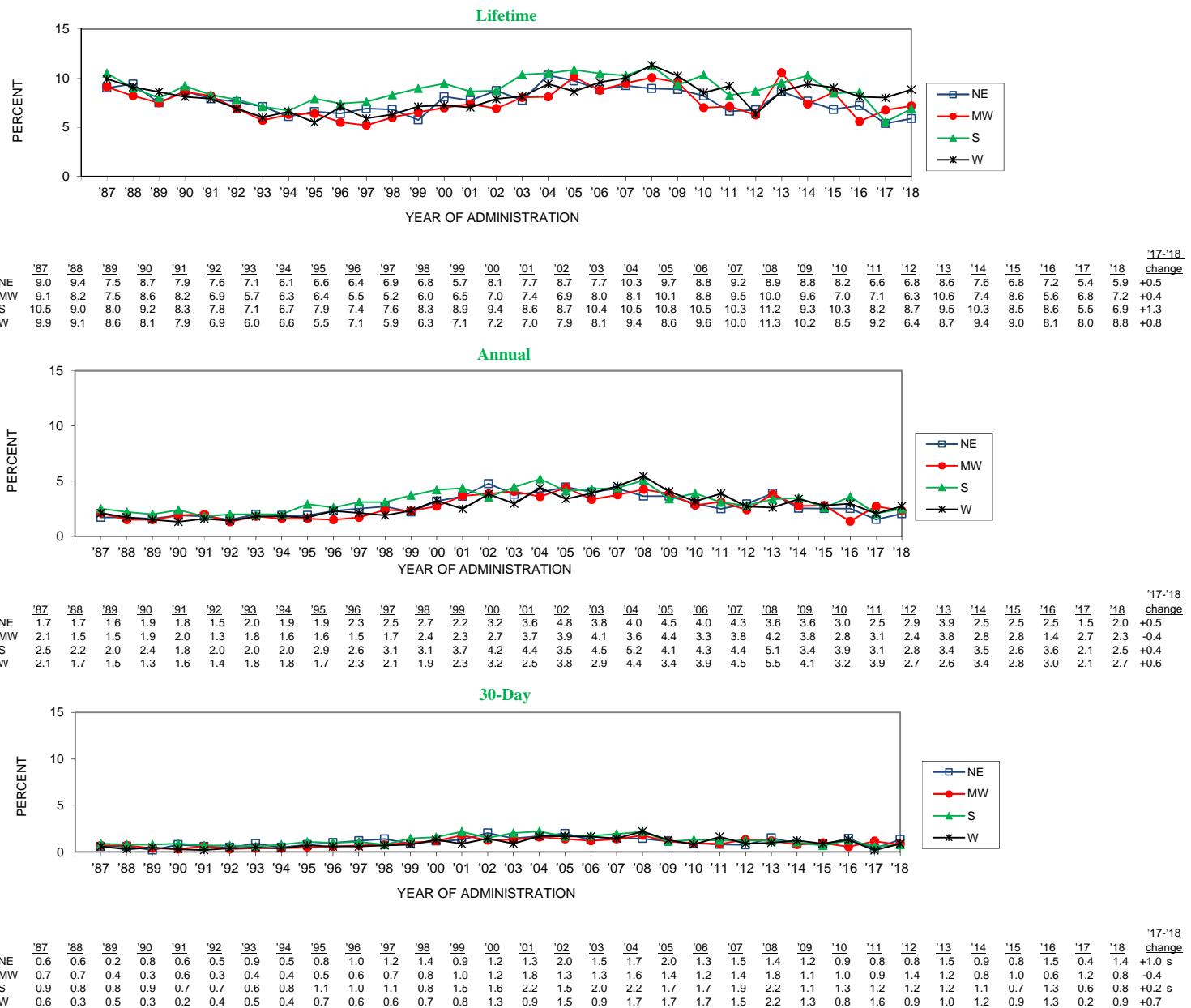


FIGURE 70
Trends in Annual Sedative (Barbiturate) Use by Urbanicity (4 yr. Age Groups)

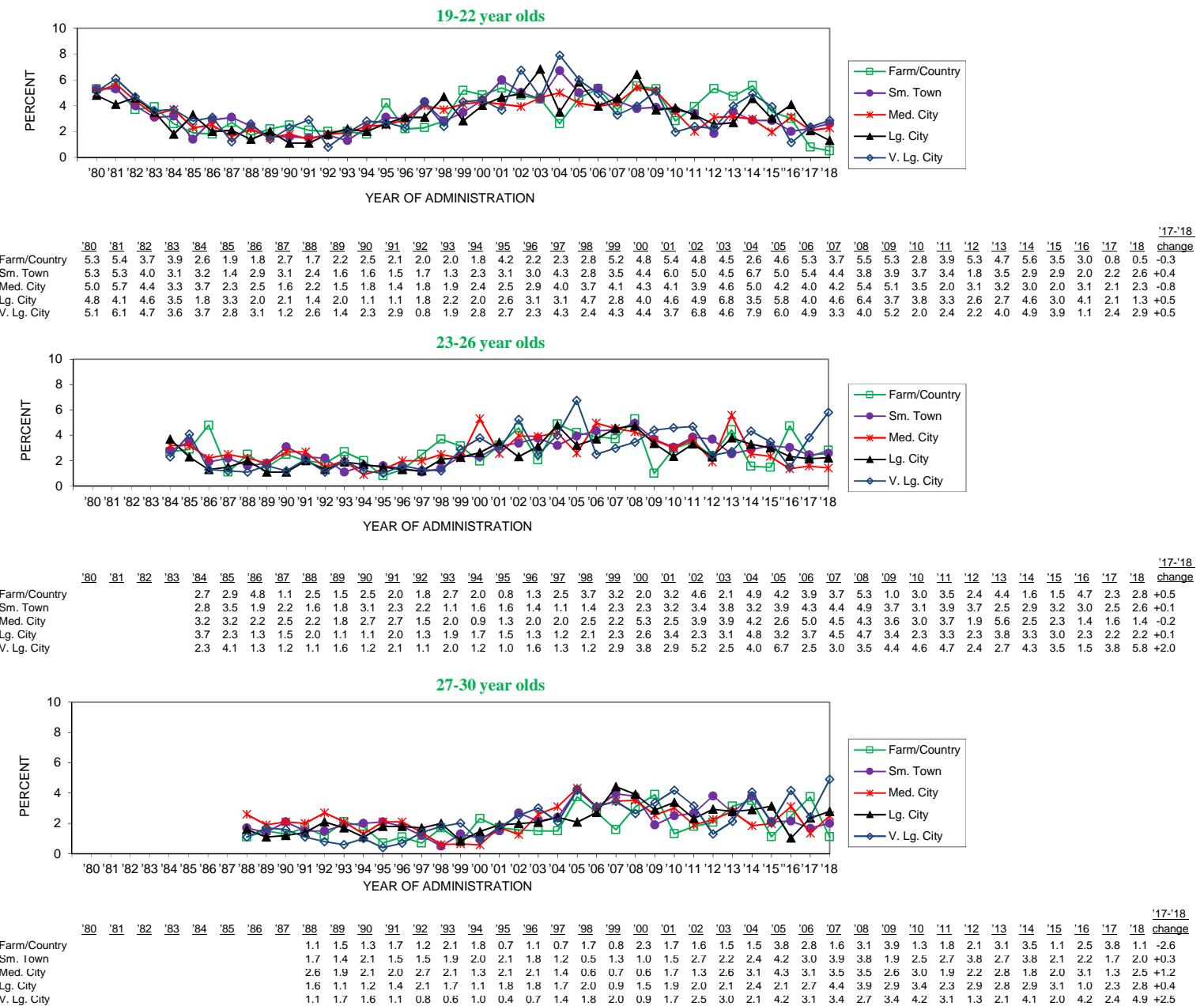
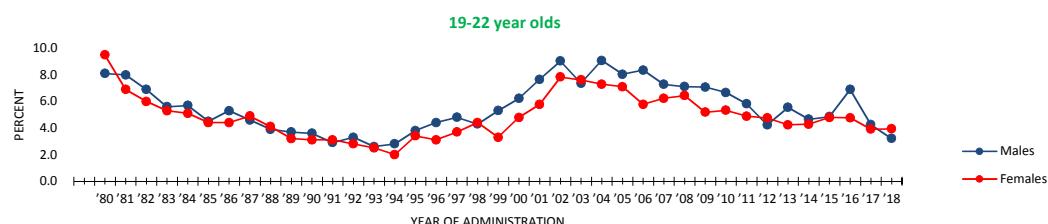
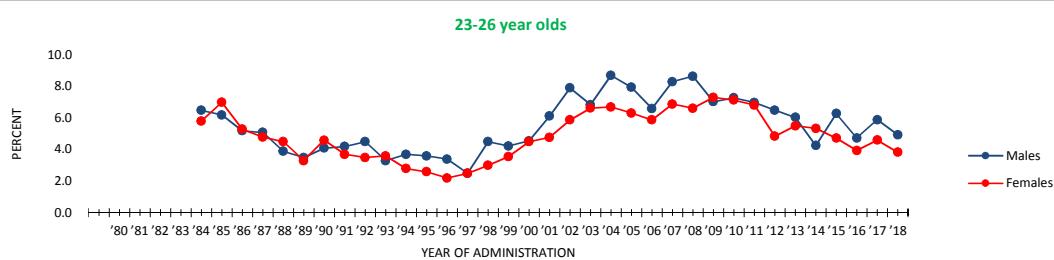


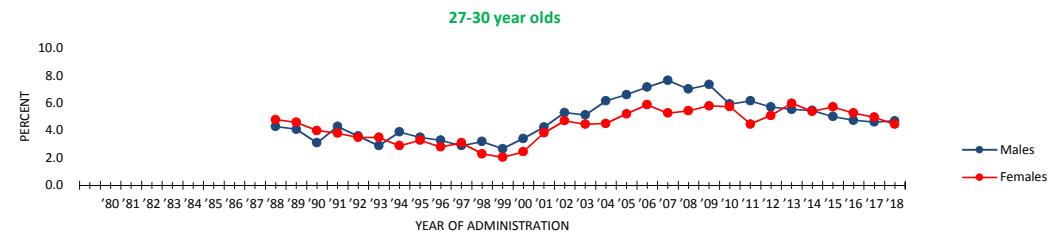
FIGURE 71
Trends in Annual Tranquillizer Use by Gender (4 yr. Age Groupings)



	'80		'81		'82		'83		'84		'85		'86		'87		'88		'89		'90		'91		'92		'93		'94		'95		'96		'97		'98		'99		'00		'01		'02		'03		'04		'05		'06		'07		'08		'09		'10		'11		'12		'13		'14		'15		'16		'17		'18		'17-'18 change	
Males	8.1	8.0	6.9	5.6	5.7	4.5	5.3	4.6	3.9	3.7	3.6	2.9	3.3	2.6	2.8	3.8	4.4	4.8	4.3	5.3	6.2	7.7	9.0	7.4	9.1	8.0	8.4	7.3	7.1	7.1	6.7	5.8	4.2	5.6	4.7	4.8	6.9	4.2	3.2	3.0	3.9	3.0	0.0																																					
Females	9.5	6.9	6.0	5.3	5.1	4.4	4.4	4.9	4.1	3.2	3.1	3.1	2.8	2.5	2.0	3.4	3.1	3.7	4.4	3.3	4.8	5.8	7.8	7.6	7.3	7.1	5.8	6.2	6.4	5.2	5.3	4.9	4.8	4.2	4.3	4.8	4.6	3.9	3.0	0.0																																								



	'80		'81		'82		'83		'84		'85		'86		'87		'88		'89		'90		'91		'92		'93		'94		'95		'96		'97		'98		'99		'00		'01		'02		'03		'04		'05		'06		'07		'08		'09		'10		'11		'12		'13		'14		'15		'16		'17		'18		'17-'18 change	
Males	6.5	6.2	5.2	5.1	3.9	3.5	4.1	4.2	4.5	3.3	3.7	3.6	3.4	3.6	3.8	4.2	4.6	4.1	4.2	4.5	5.3	6.1	7.9	6.8	8.7	8.0	6.6	6.3	5.9	6.9	6.6	7.3	7.0	6.5	6.0	4.3	6.3	4.7	5.9	4.9	-1.0																																							
Females	5.8	7.0	5.3	4.8	4.5	3.3	4.6	3.7	3.5	3.6	2.8	2.6	2.2	2.5	3.0	3.6	4.5	4.8	5.9	6.6	6.7	6.3	5.9	6.9	6.6	7.3	7.2	6.8	4.9	5.5	5.4	4.7	3.9	4.6	3.8	-0.8																																												



	'80		'81		'82		'83		'84		'85		'86		'87		'88		'89		'90		'91		'92		'93		'94		'95		'96		'97		'98		'99		'00		'01		'02		'03		'04		'05		'06		'07		'08		'09		'10		'11		'12		'13		'14		'15		'16		'17		'18		'17-'18 change	
Males	4.3	4.1	3.1	4.3	3.6	2.9	3.9	3.5	3.3	2.9	3.2	2.7	3.4	4.2	5.3	5.1	6.2	6.6	7.2	7.7	7.0	7.3	5.9	6.2	5.7	5.5	5.0	4.8	4.6	4.7	+0.1																																																	
Females	4.8	4.6	4.0	3.8	3.5	3.5	2.9	3.3	3.1	2.3	2.1	2.4	3.8	4.7	4.5	4.5	5.2	5.9	5.3	5.4	5.8	5.7	4.5	5.1	6.0	5.4	5.7	5.3	5.0	4.5	-0.5																																																	

FIGURE 72
Trends in Tranquillizer Use by Region (1-10 yrs. Past High School)

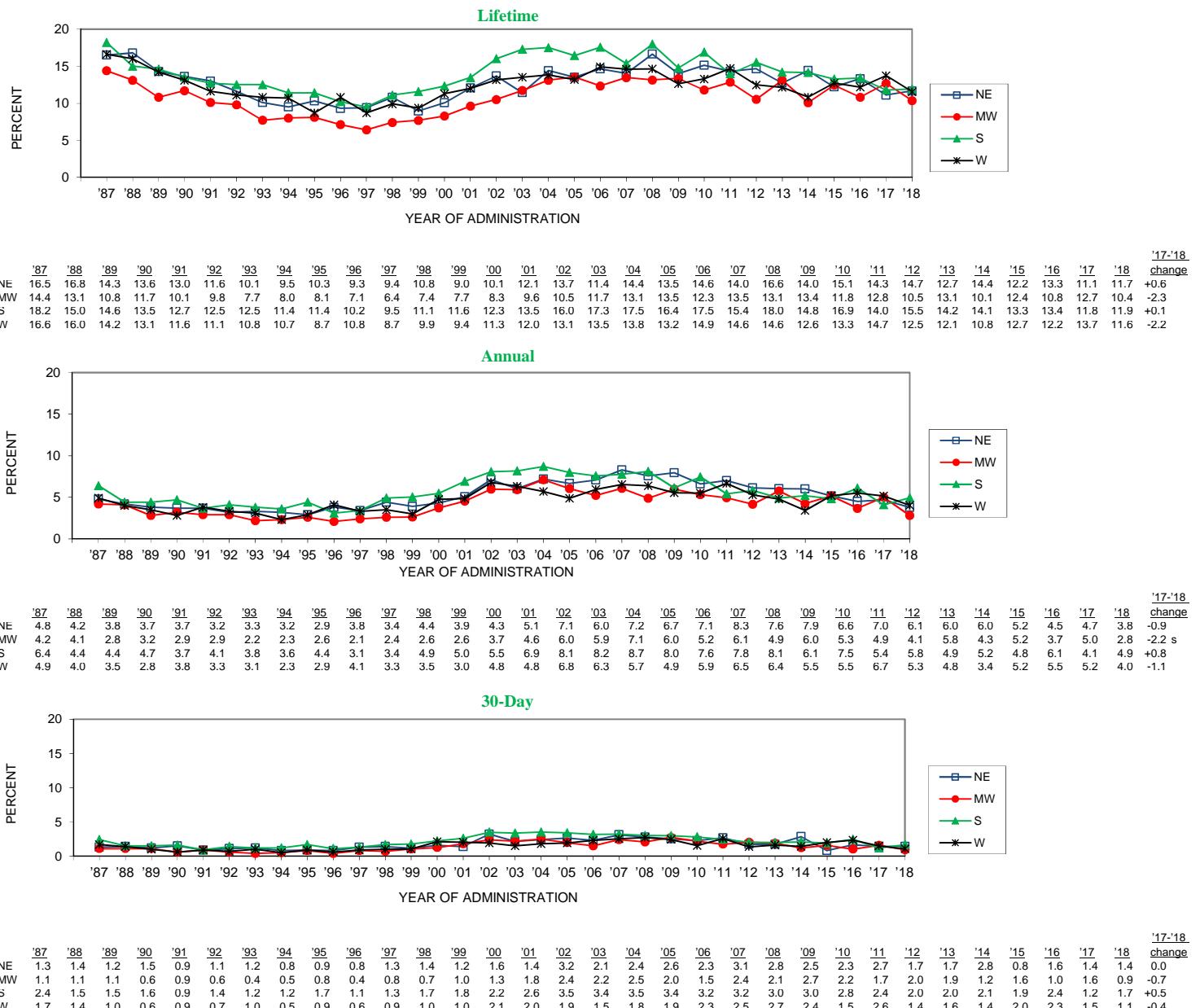


FIGURE 73
Trends in Annual Tranquillizer Use by Urbanicity (4 yr. Age Groups)

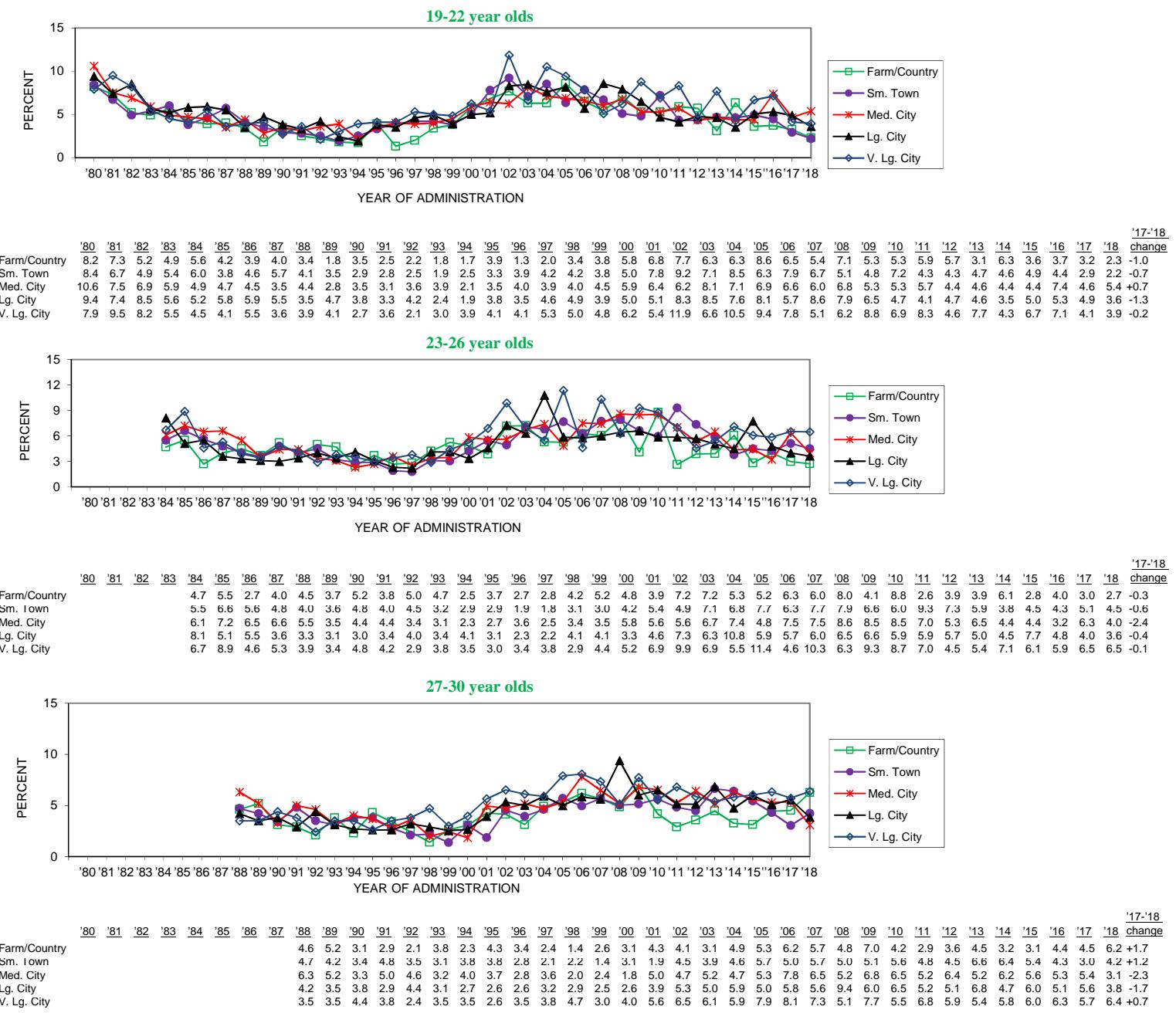


FIGURE 74
Trends in Annual Rohypnol by Gender (4 yr. Age Groupings)

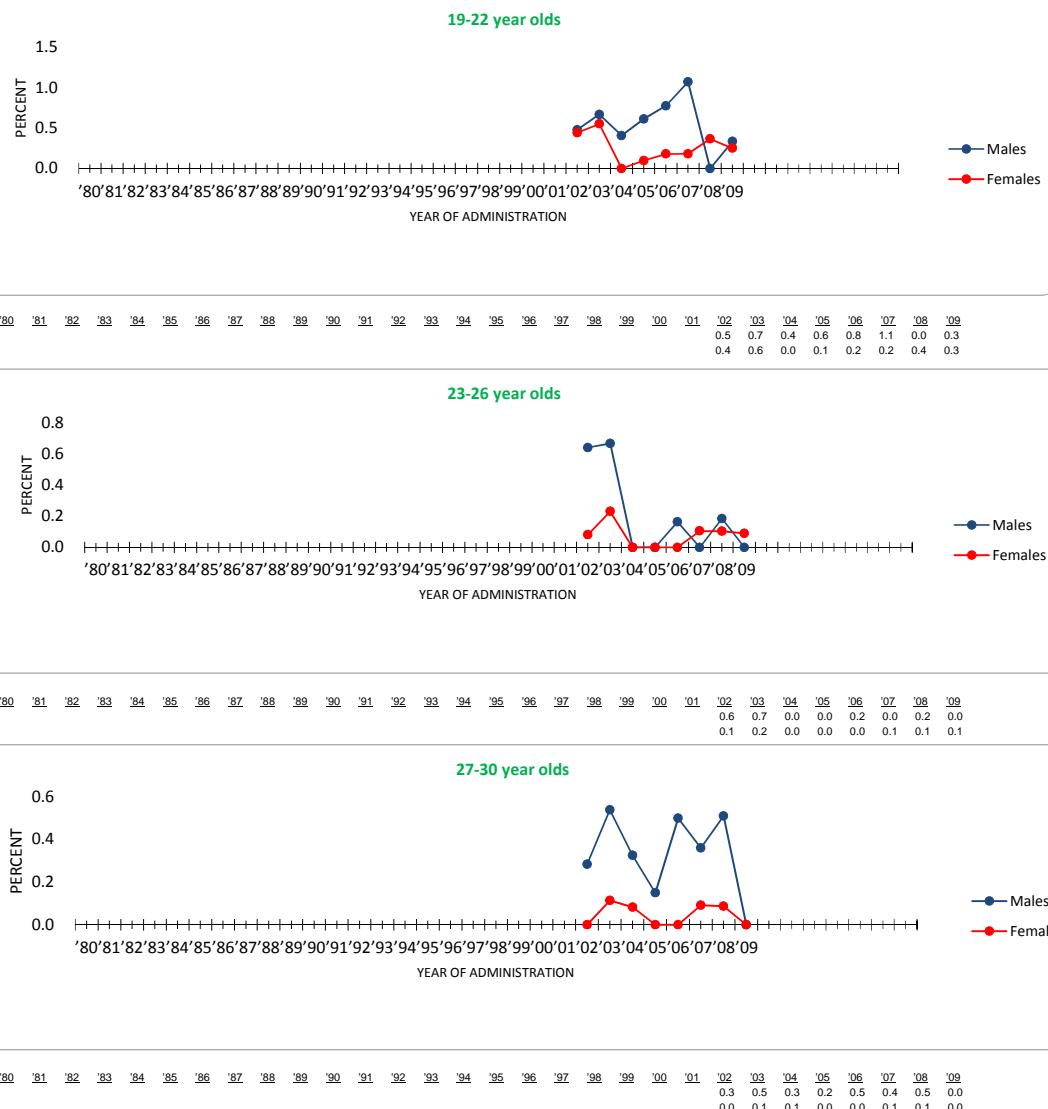


FIGURE 75
Trends in Rohypnol Use by Region (1-10 yrs. Past High School)

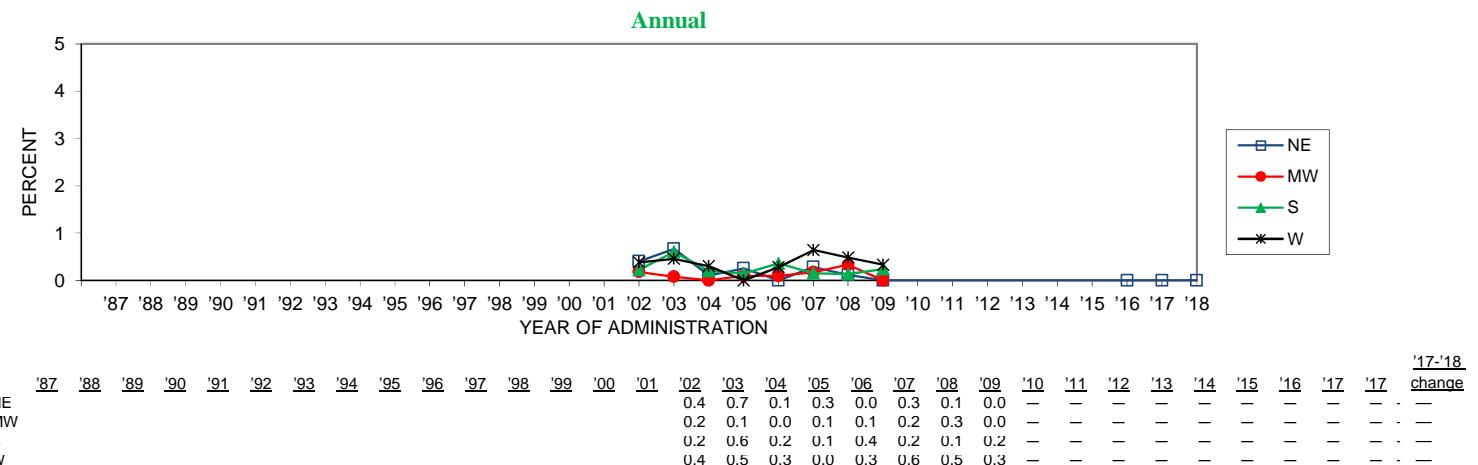


FIGURE 76
Trends in Annual GHB by Gender (4 yr. Age Groupings)

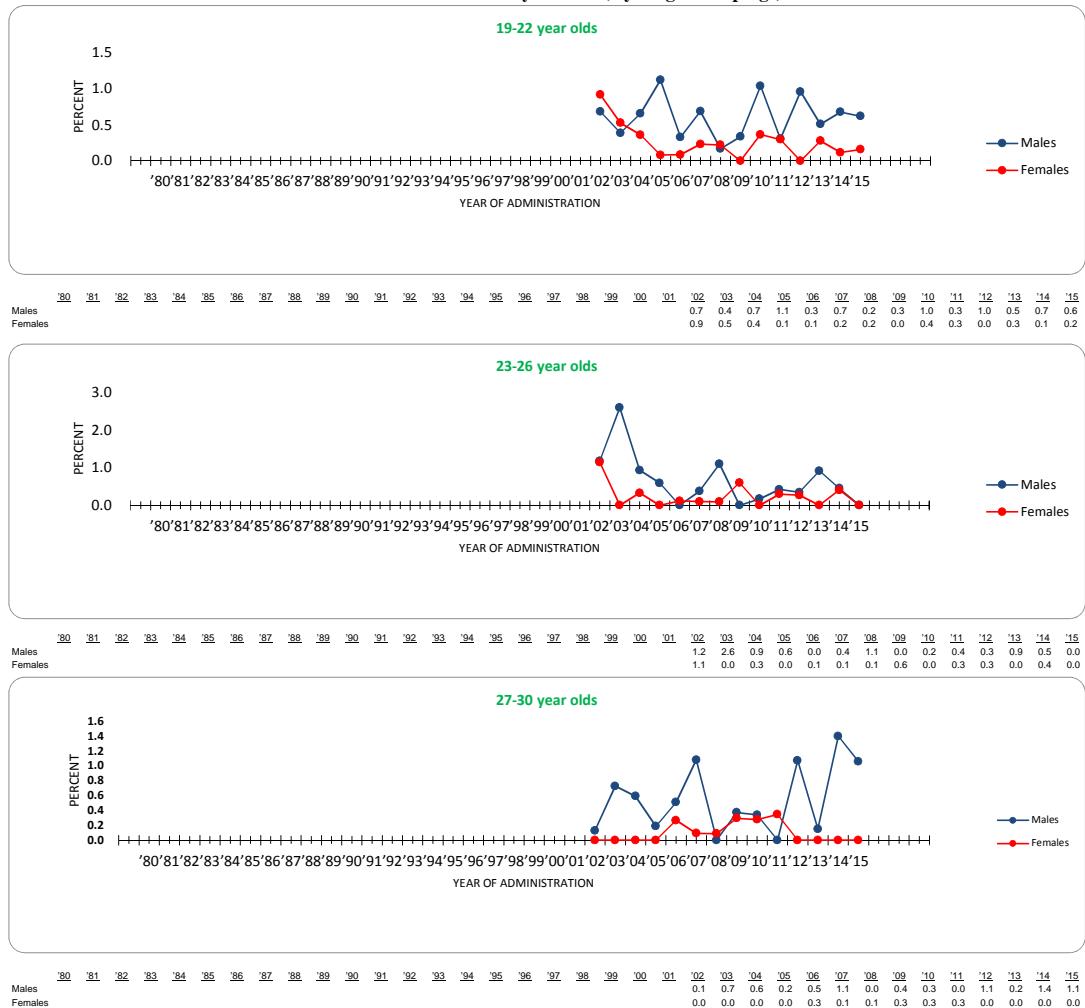


FIGURE 77
Trends in GHB Use by Region (1-10 yrs. Past High School)

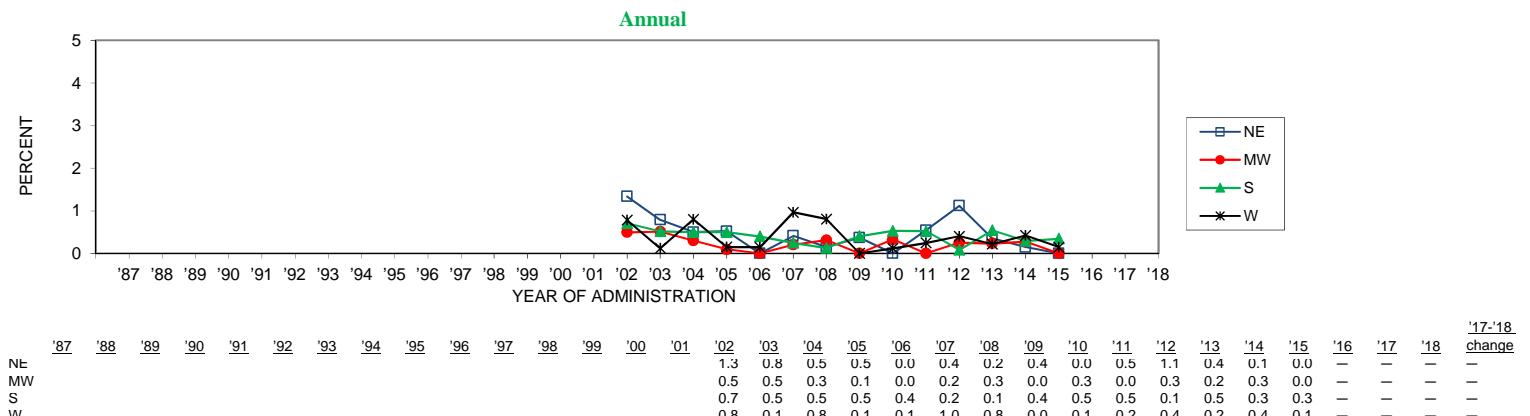


FIGURE 78
Trends in Annual GHB Use by Urbanicity (4 yr. Age Groups)

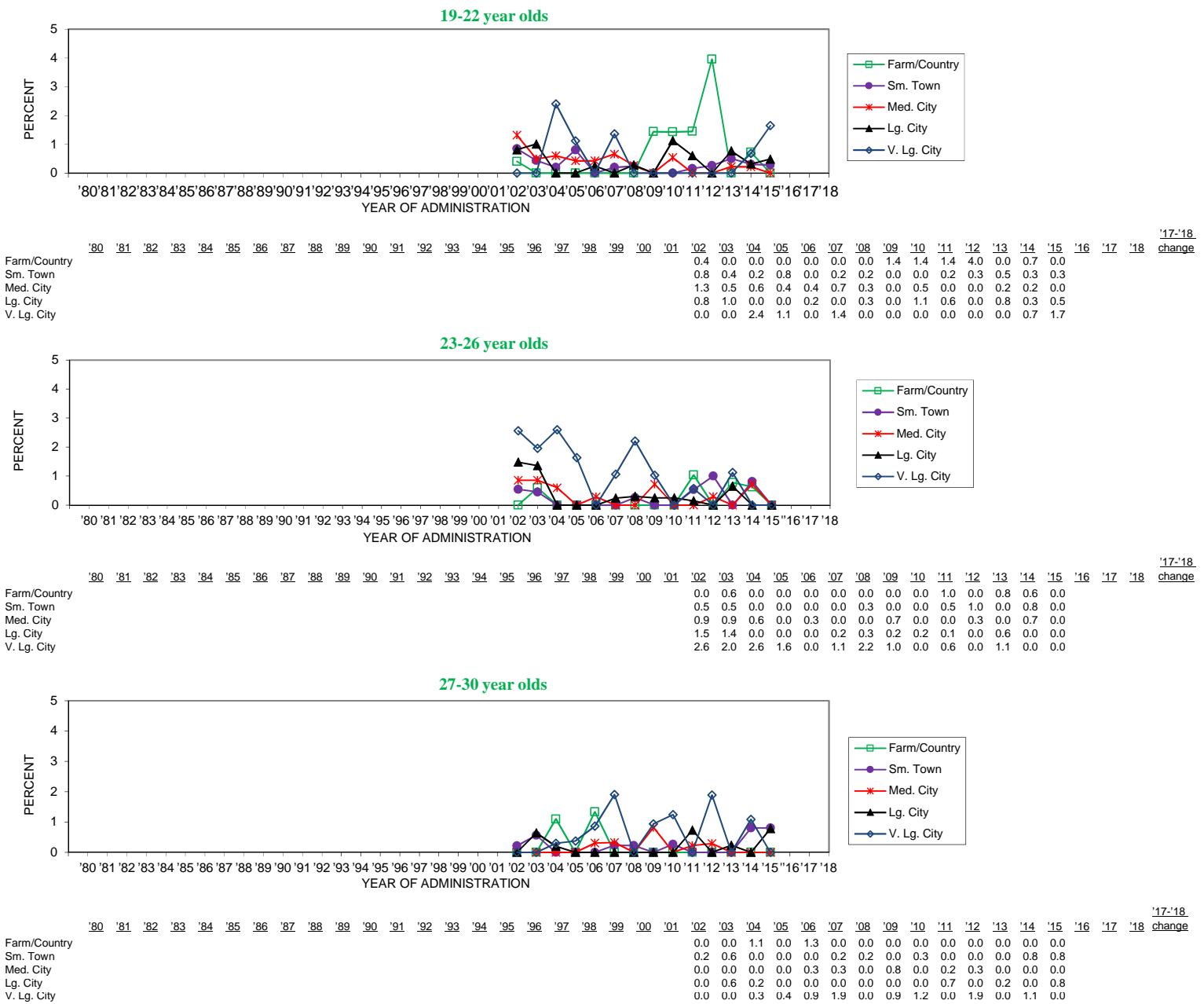


FIGURE 79
Trends in Annual Ketamine by Gender (4 yr. Age Groupings)

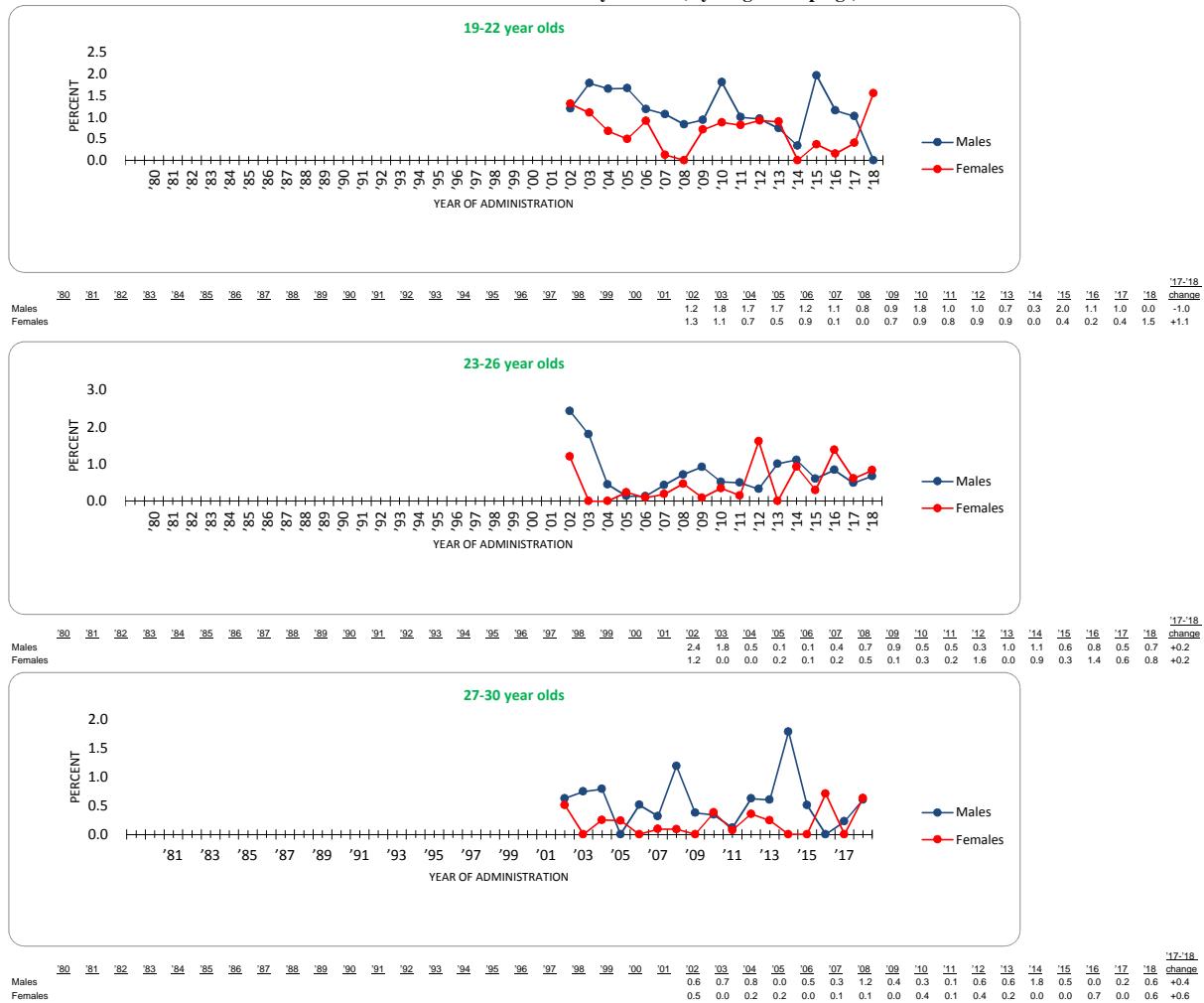


FIGURE 80
Trends in Ketamine Use by Region (1-10 yrs. Past High School)

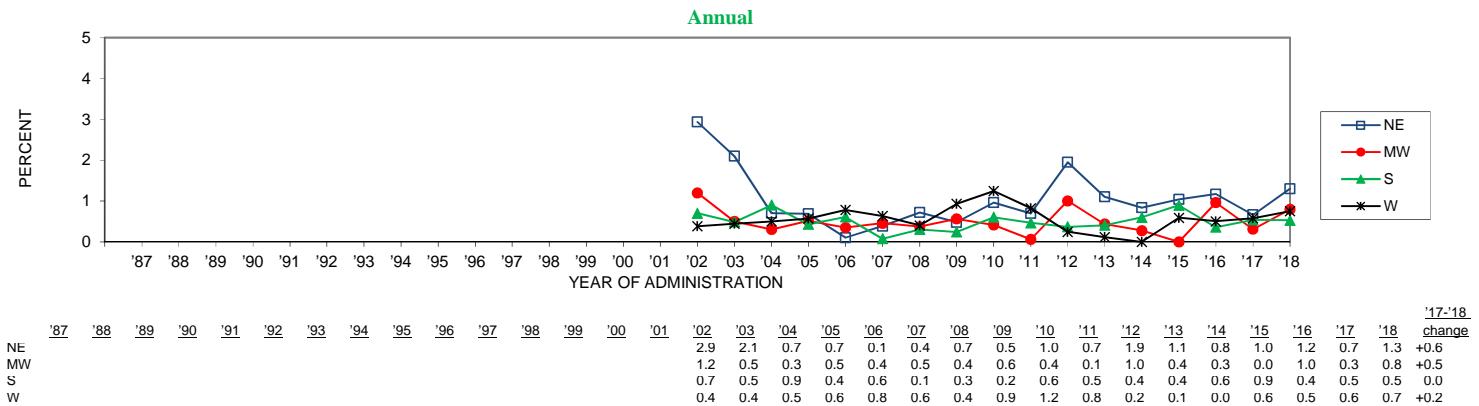


FIGURE 81

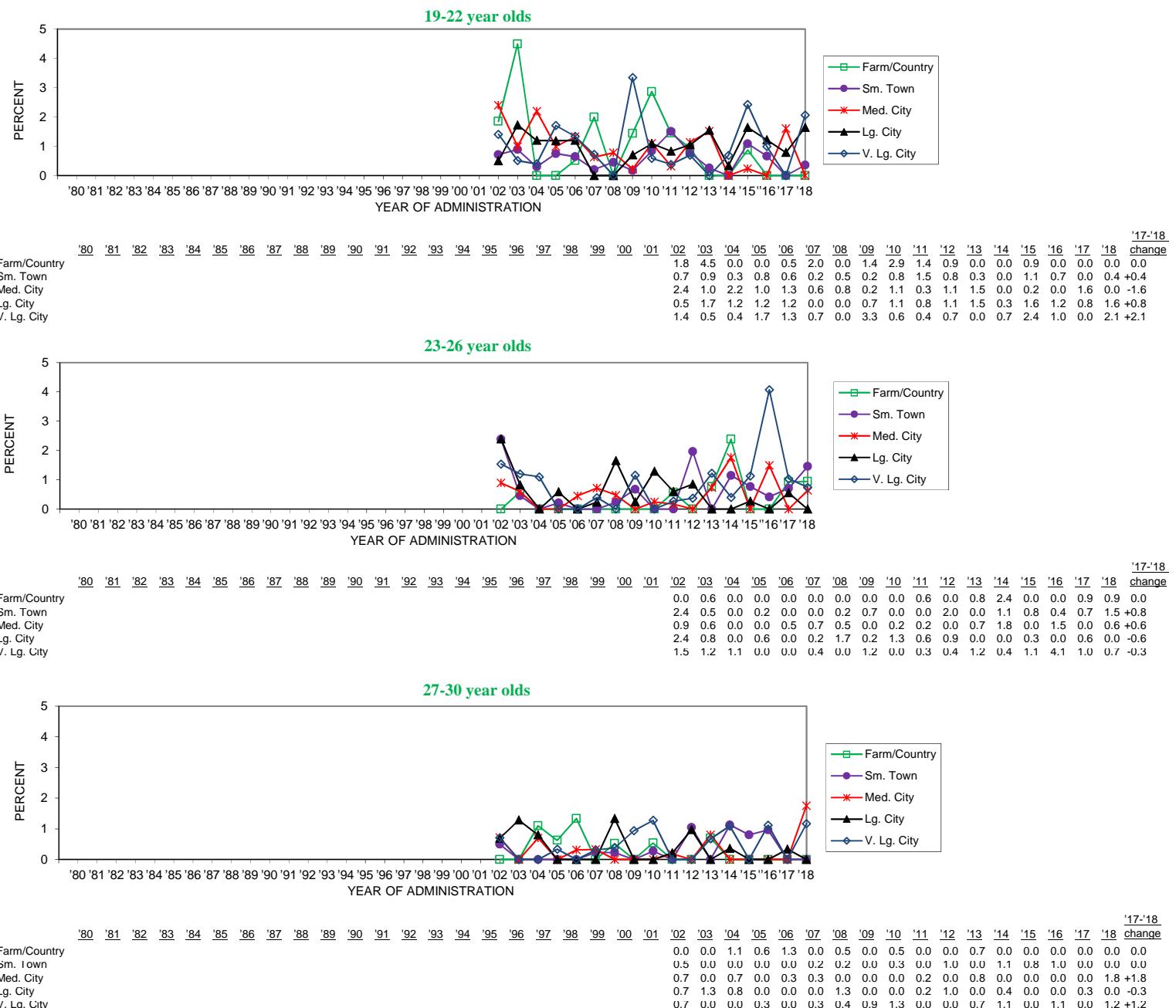


FIGURE 82
Trends in 30-Day Alcohol Use by Gender (4 yr. Age Groupings)

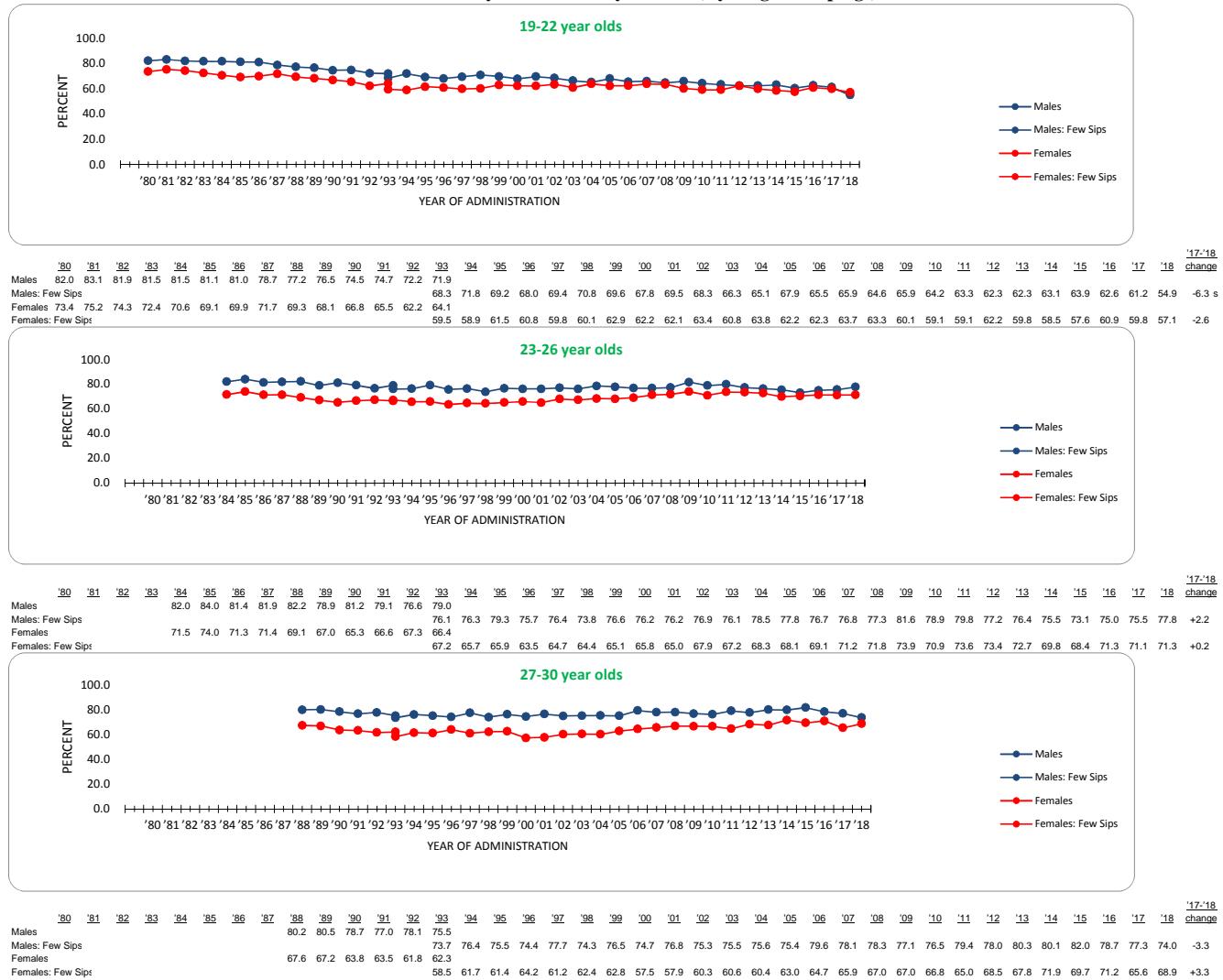


FIGURE 83
Trends in Daily **Alcohol** Use by Gender (4 yr. Age Groupings)

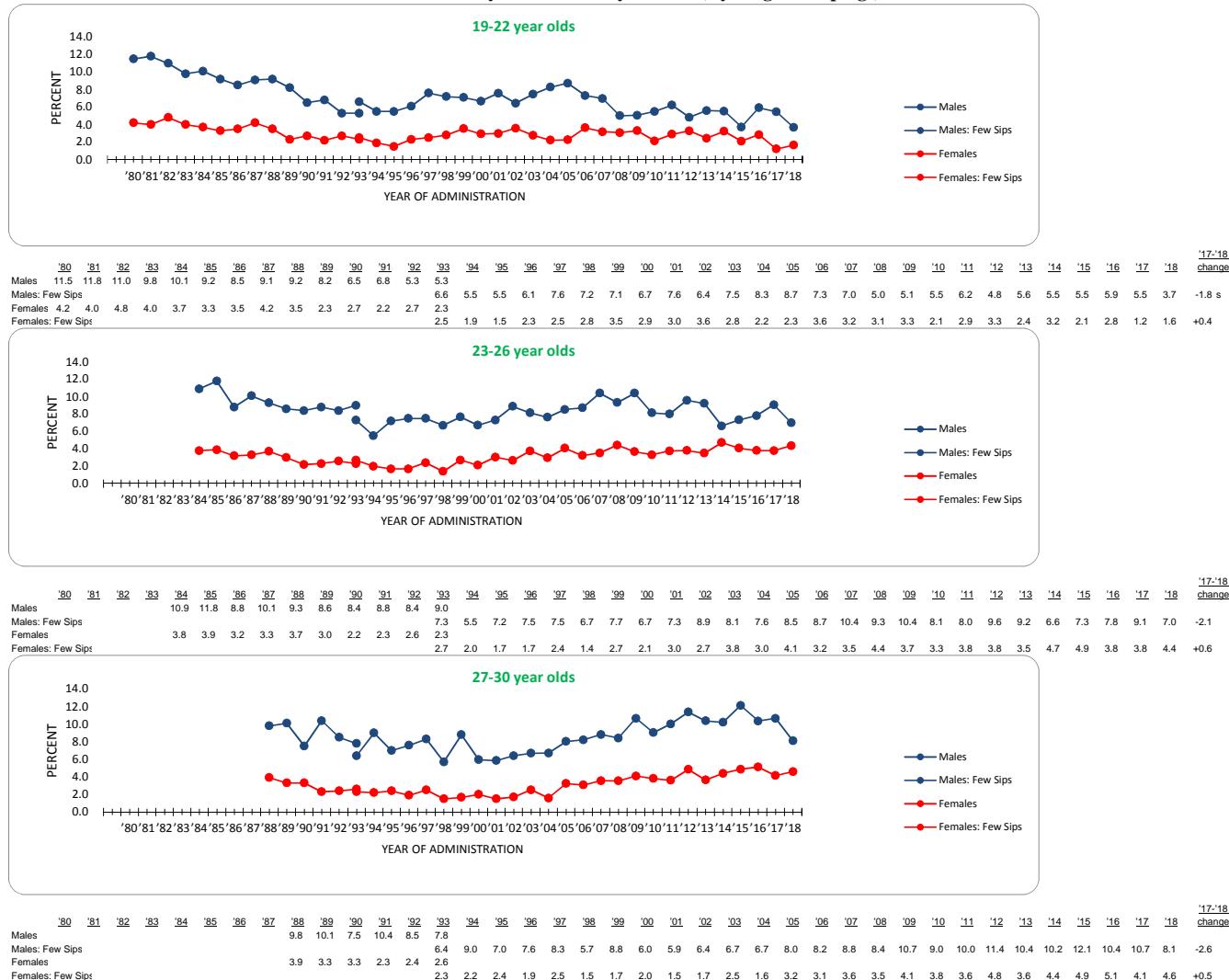


FIGURE 84
Trends in Two-Week Binge Drinking by Gender (4 yr. Age Groupings)

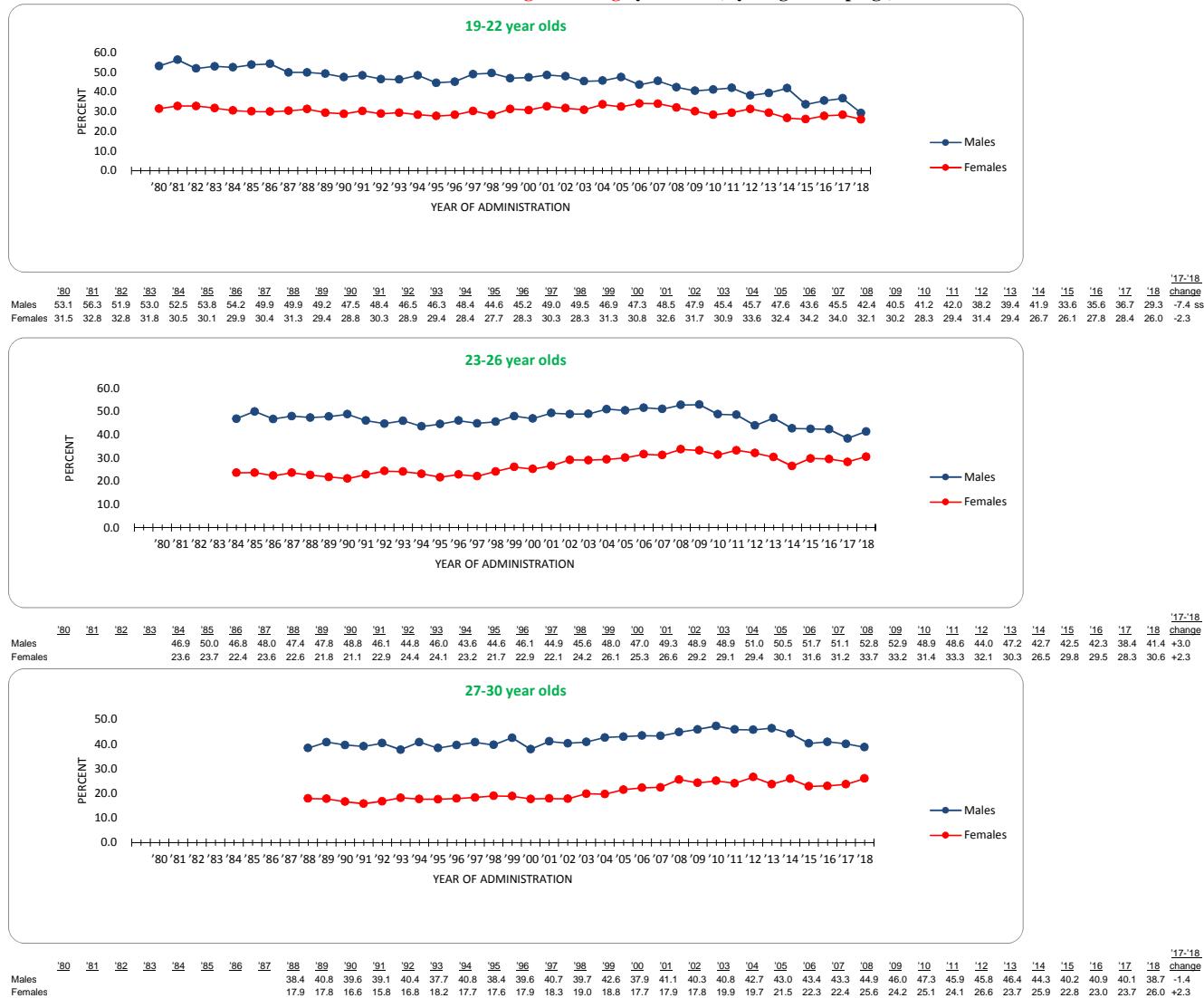
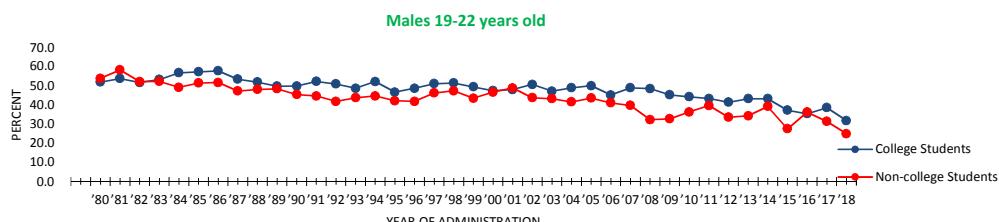
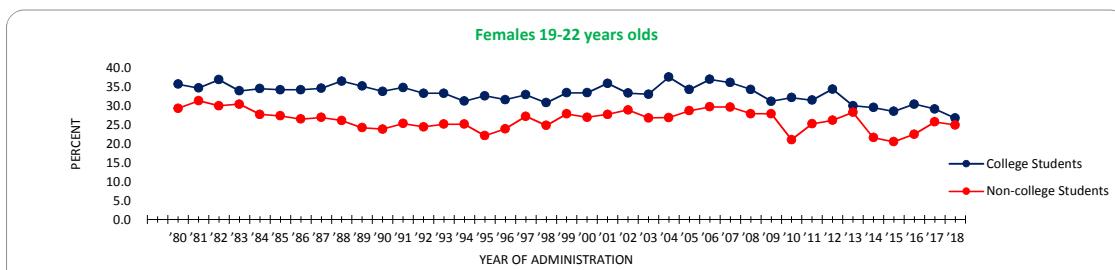


FIGURE 85
Trends in Two-Week Binge Drinking by College Student Status (by Gender)



	'17-'18																								
CS	52.0 53.8 51.7 53.3 56.8 57.3 57.8 53.5 52.0 49.8 49.9 52.3 51.0 48.7 52.2 46.7 48.7 51.1 51.5 49.5 47.5 48.1 50.7 47.2 48.9 50.1 45.2 49.0 48.6 45.3 44.3 43.4 41.5 43.3 37.3 35.4 38.6 31.8 -6.7																								
NCS	53.9 58.3 52.2 52.3 49.2 51.5 51.7 47.3 48.1 48.5 45.5 44.7 41.9 43.8 44.7 42.2 41.9 46.3 47.4 43.6 46.7 48.9 43.8 43.3 41.7 43.6 41.1 39.8 32.3 32.8 36.4 39.7 33.6 34.4 39.3 27.6 36.3 31.5 25.0 -6.5																								



	'17-'18																								
CS	35.8 34.8 37.0 34.0 34.6 34.3 34.3 34.7 36.6 35.3 33.9 34.9 33.4 33.4 31.3 32.7 31.7 33.0 30.9 33.5 33.5 36.0 33.4 33.1 37.7 34.4 37.1 36.2 34.4 31.3 32.2 31.5 34.5 30.1 29.6 28.6 30.5 29.2 26.8 -2.4																								
NCS	29.4 31.4 30.1 30.5 27.8 27.4 26.6 26.2 24.3 23.9 25.4 24.5 25.2 25.2 22.2 24.0 27.3 27.9 27.0 27.8 29.0 26.9 27.0 28.8 29.8 29.7 28.0 28.0 31.3 22.1 25.3 26.2 28.4 21.7 20.6 22.6 25.8 25.0 -0.8																								

FIGURE 86
Trends in Alcohol Use by Region (1-10 yrs. Past High School)

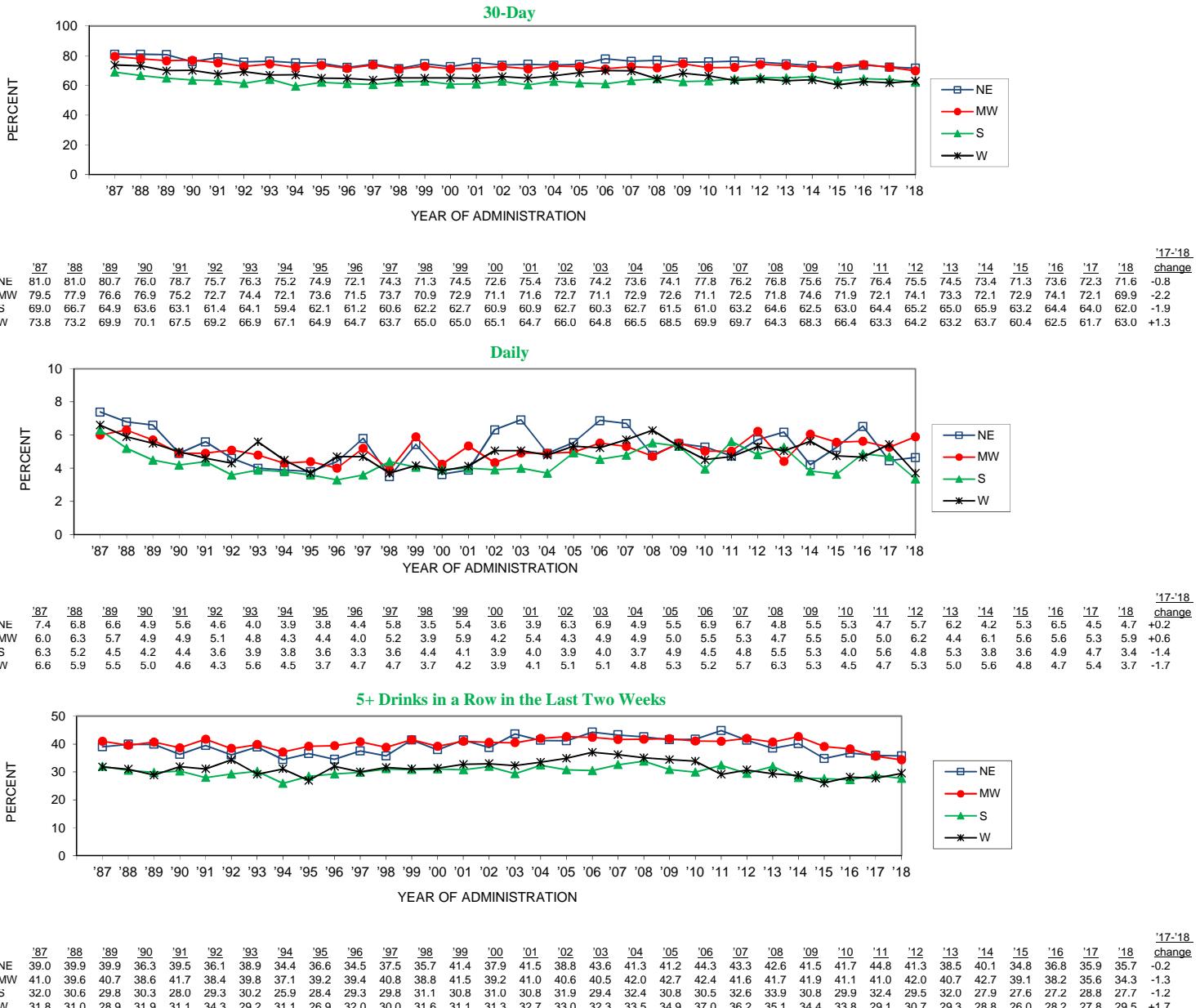
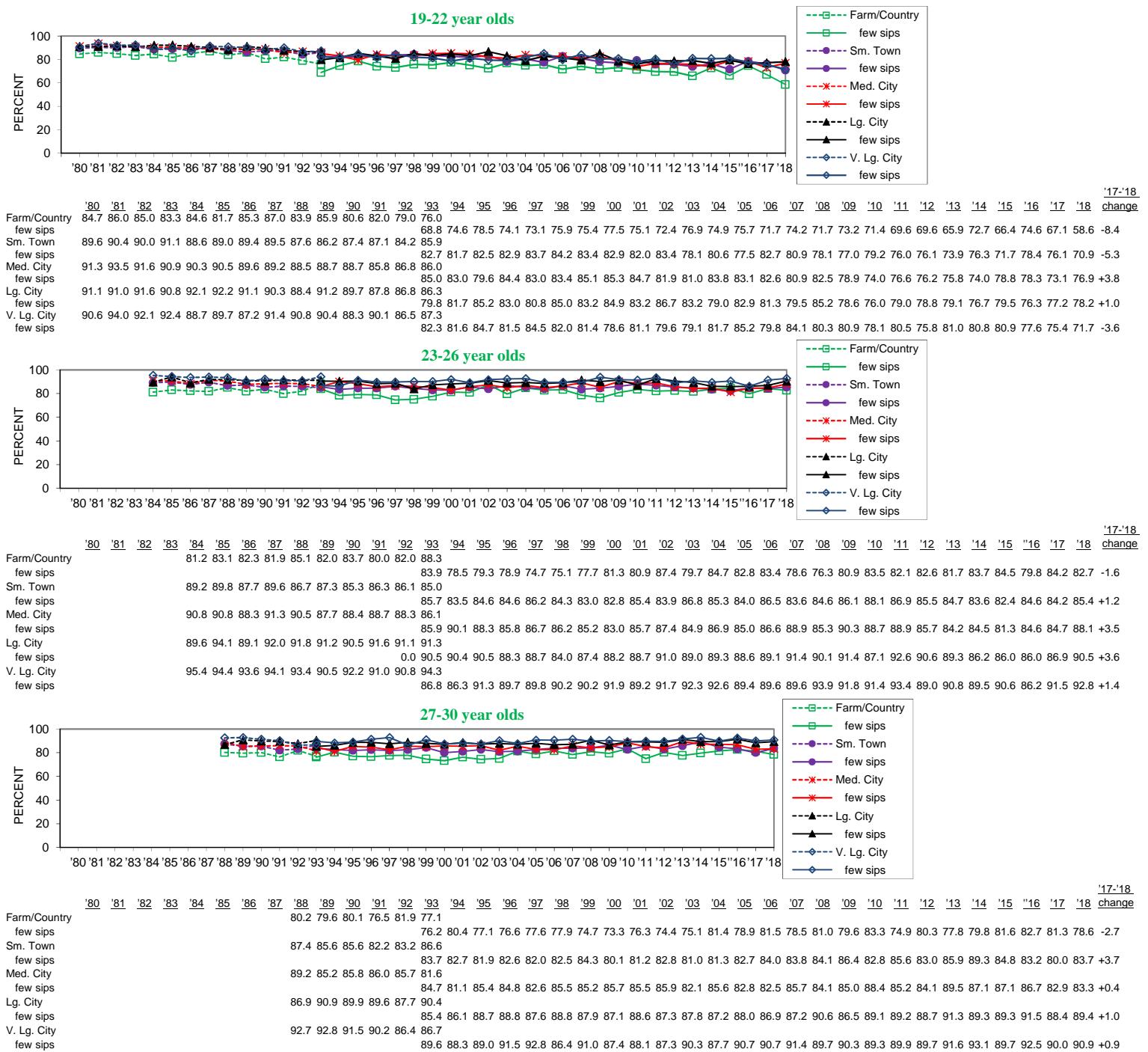


FIGURE 87
Trends in Annual Alcohol Use by Urbanicity (4 yr. Age Groups)



Note: The alcohol prevalence question was changed in 1993 in 3 of the forms and in 1994 in all 6 forms in order to exclude consumption of less than a "few sips." Ns in 1993 are one half the usual for both prevalences.

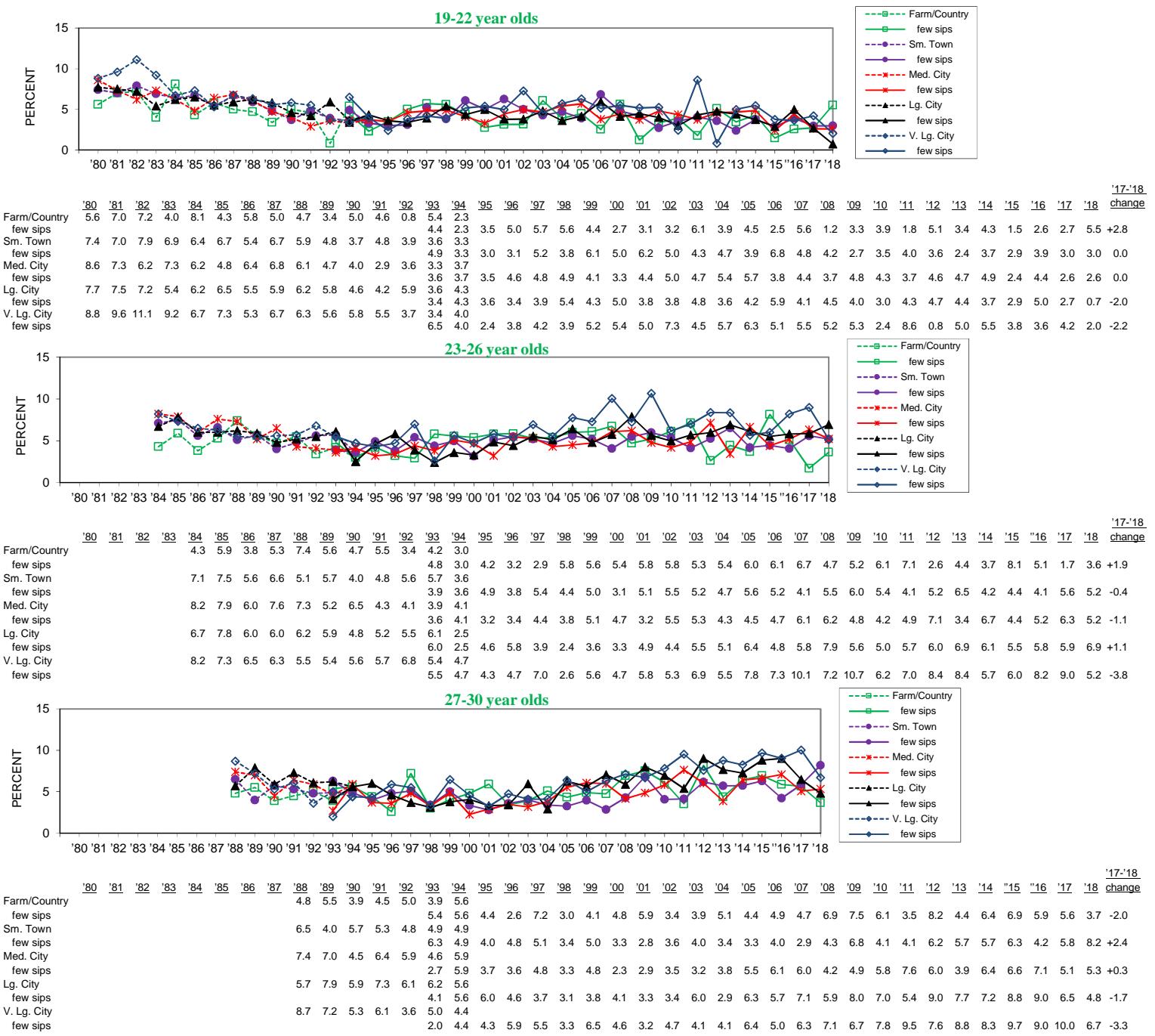
FIGURE 88

Trends in Thirty-Day **Alcohol** Use by Urbanicity (4 yr. Age Groups)



Note: The alcohol prevalence question was changed in 1993 in 3 of the forms and in 1994 in all 6 forms in order to exclude consumption of less than a "few sips." Ns in 1993 are one half the usual for both prevalences.

FIGURE 89
Trends in Daily Alcohol Use by Urbanicity (4 yr. Age Groups)



Note: The alcohol prevalence question was changed in 1993 in 3 of the forms and in 1994 in all 6 forms in order to exclude consumption of less than a "few sips." Ns in 1993 are one half the usual for both prevalences.

FIGURE 90
Trends in Binge Drinking by Urbanicity (4 yr. Age Groups)

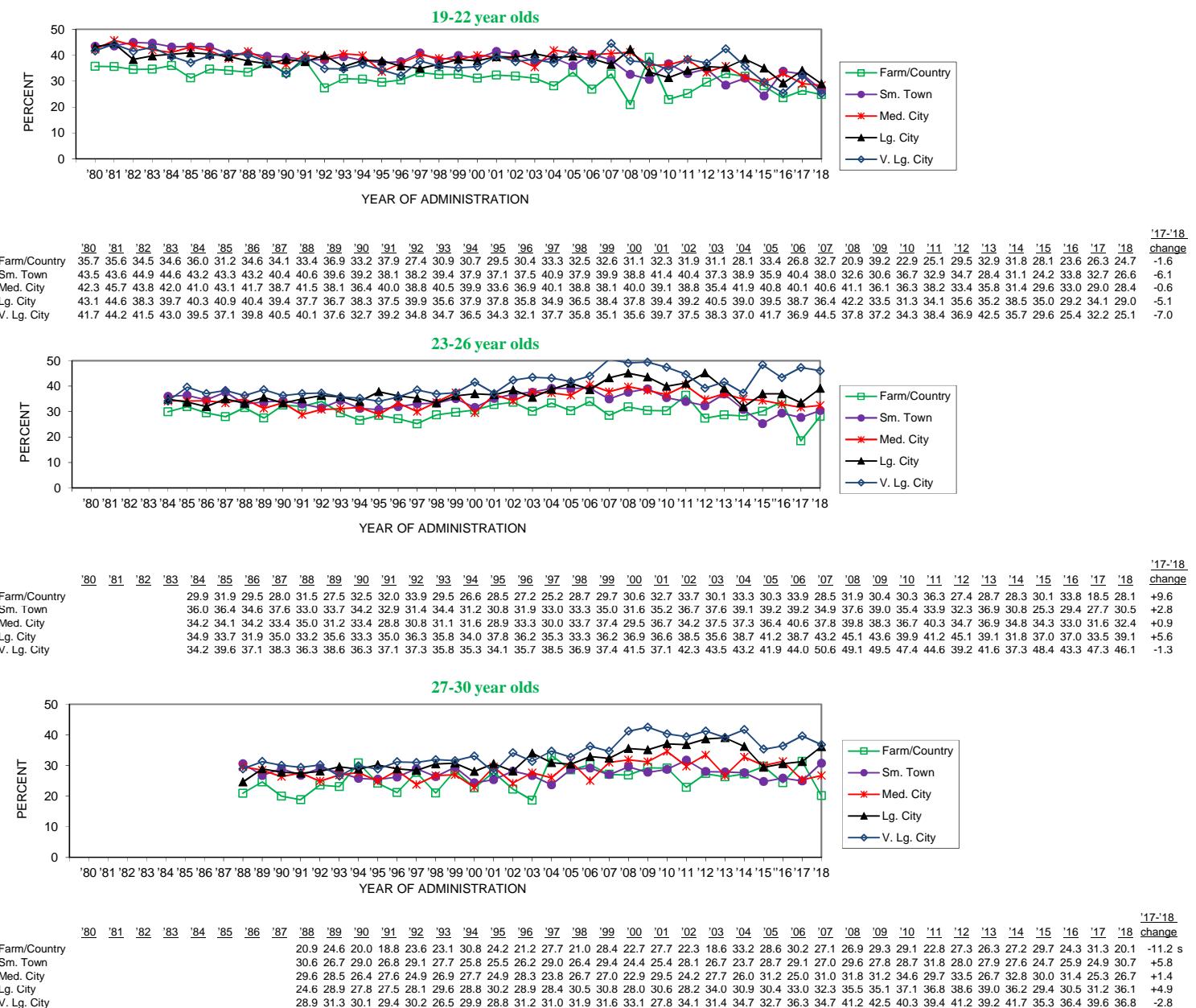


FIGURE 91
Trends in 30-Day Cigarette Smoking by Gender (4 yr. Age Groupings)

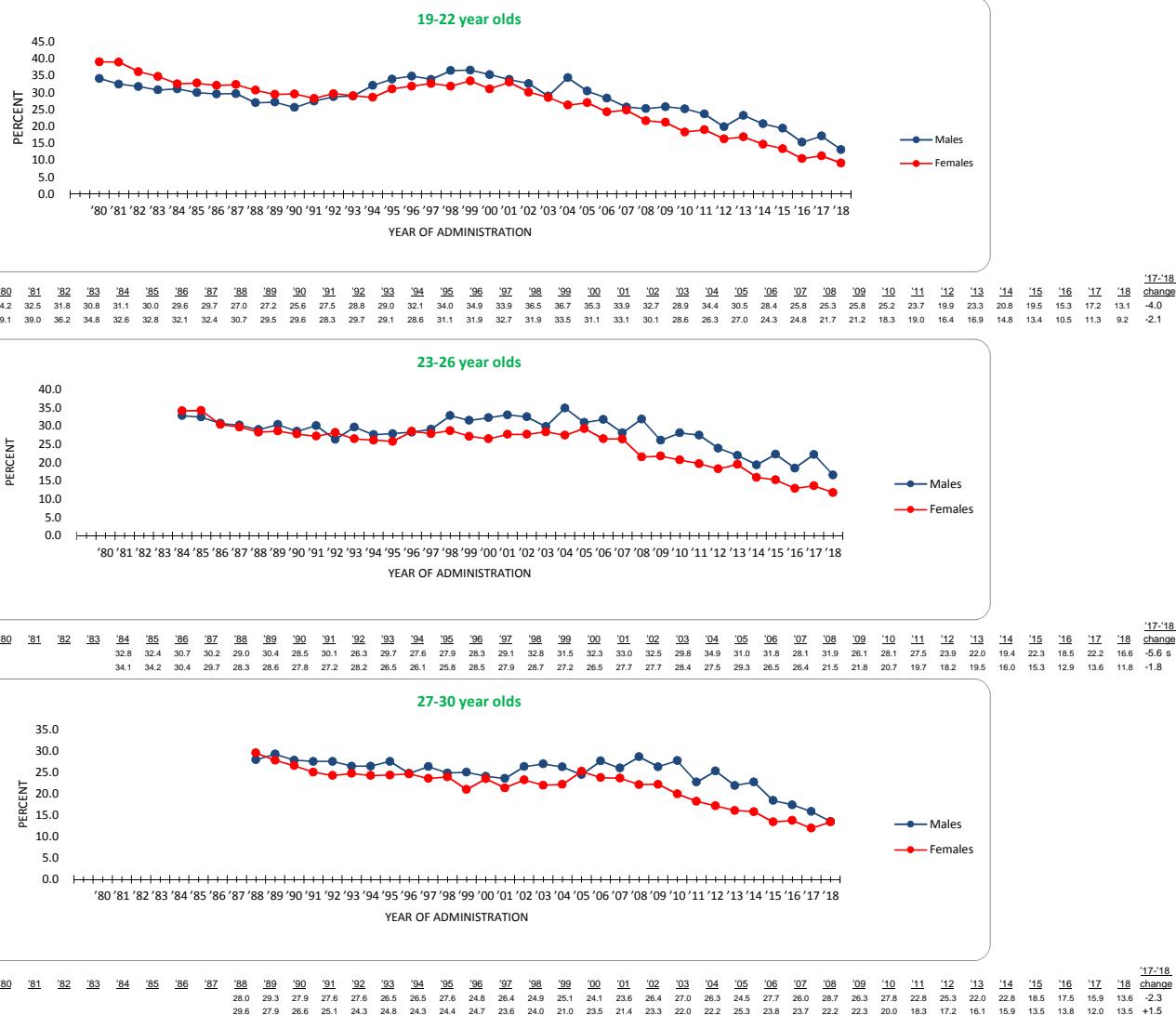


FIGURE 92
Trends in Daily Cigarette Smoking by Gender (4 yr. Age Groupings)

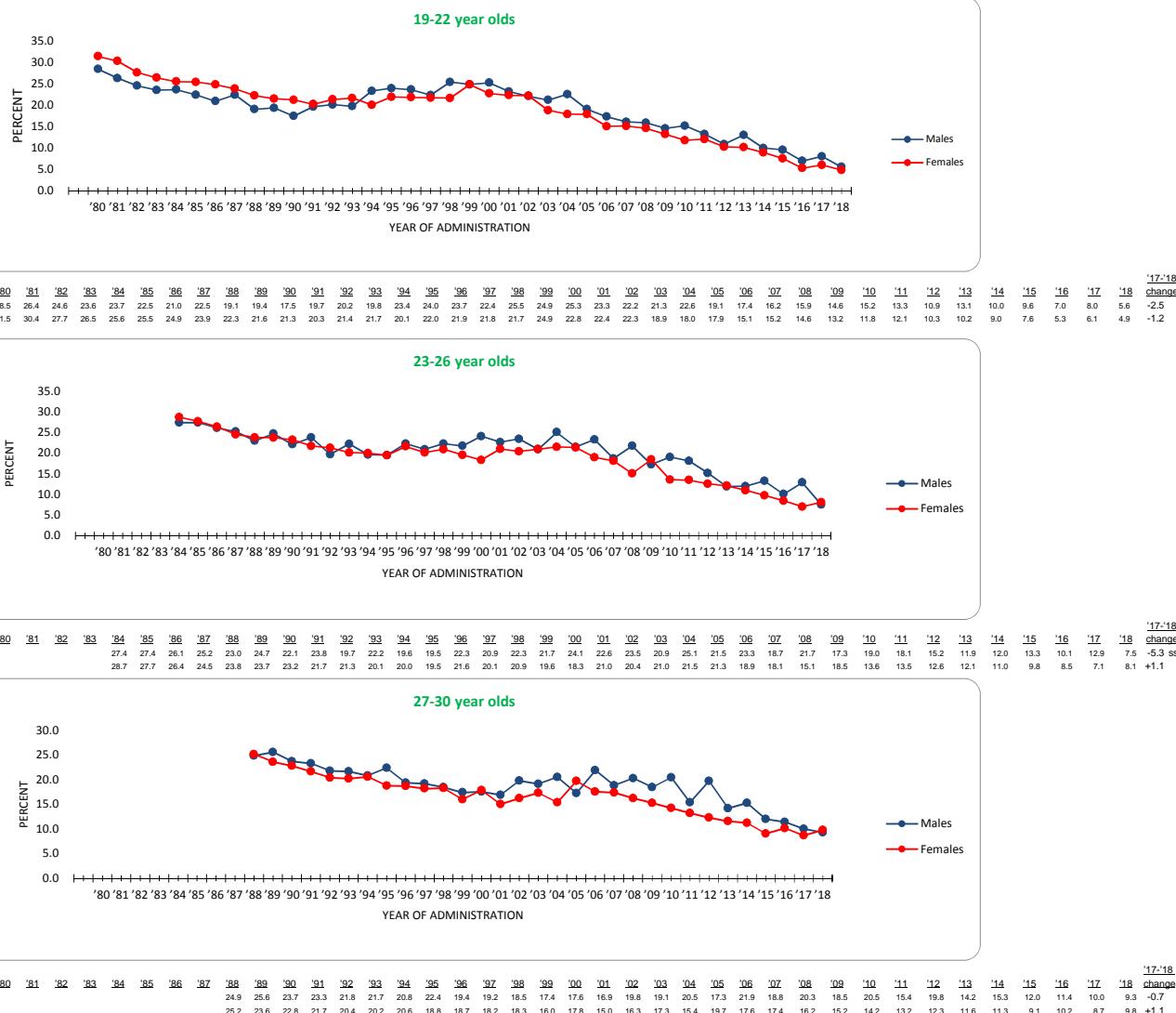


FIGURE 93
Trends in Daily Half Pack or More Cigarette Smoking by Gender (4 yr. Age Groupings)

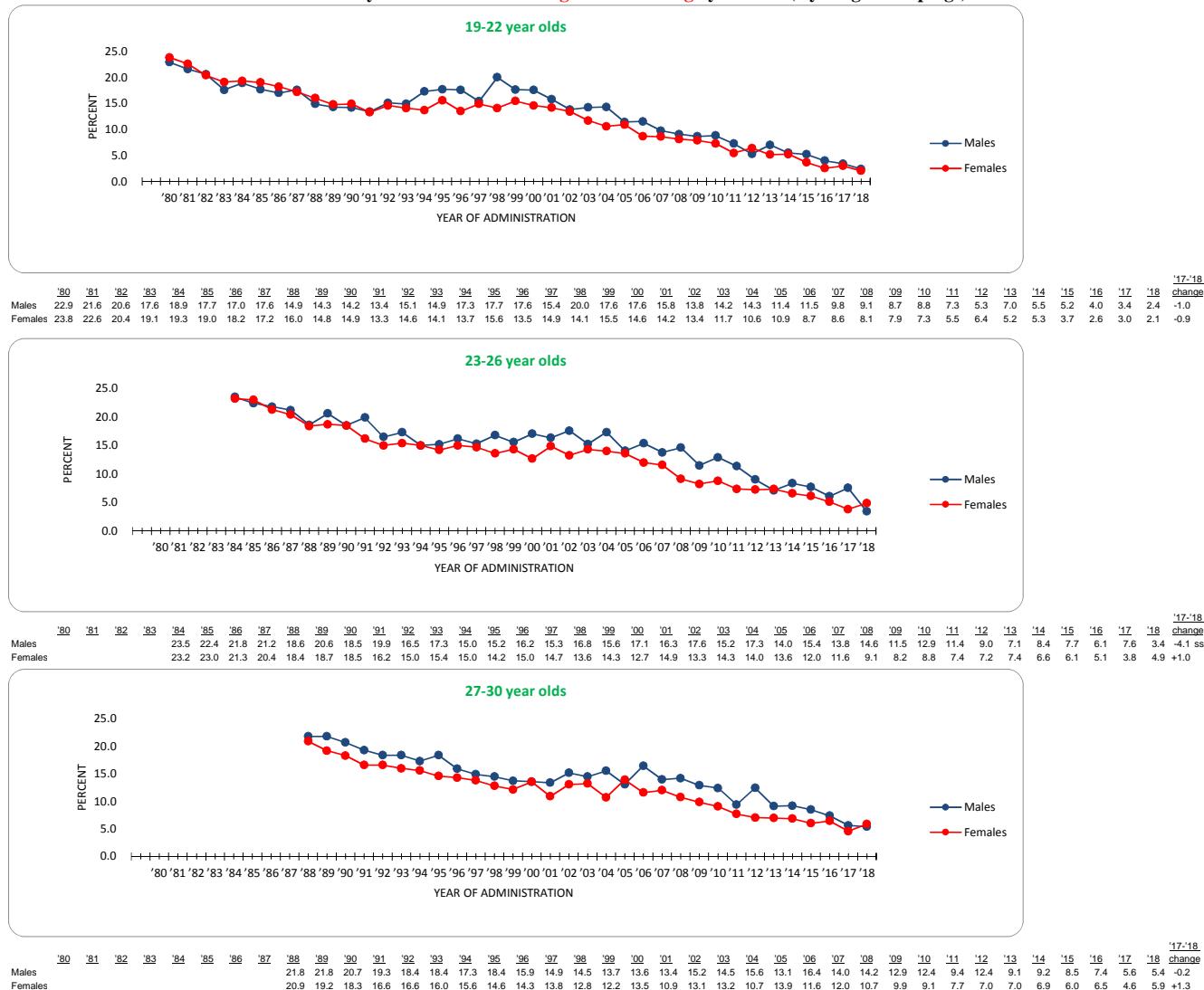


FIGURE 94
Trends in Cigarette Smoking by Region (1-10 yrs. Past High School)

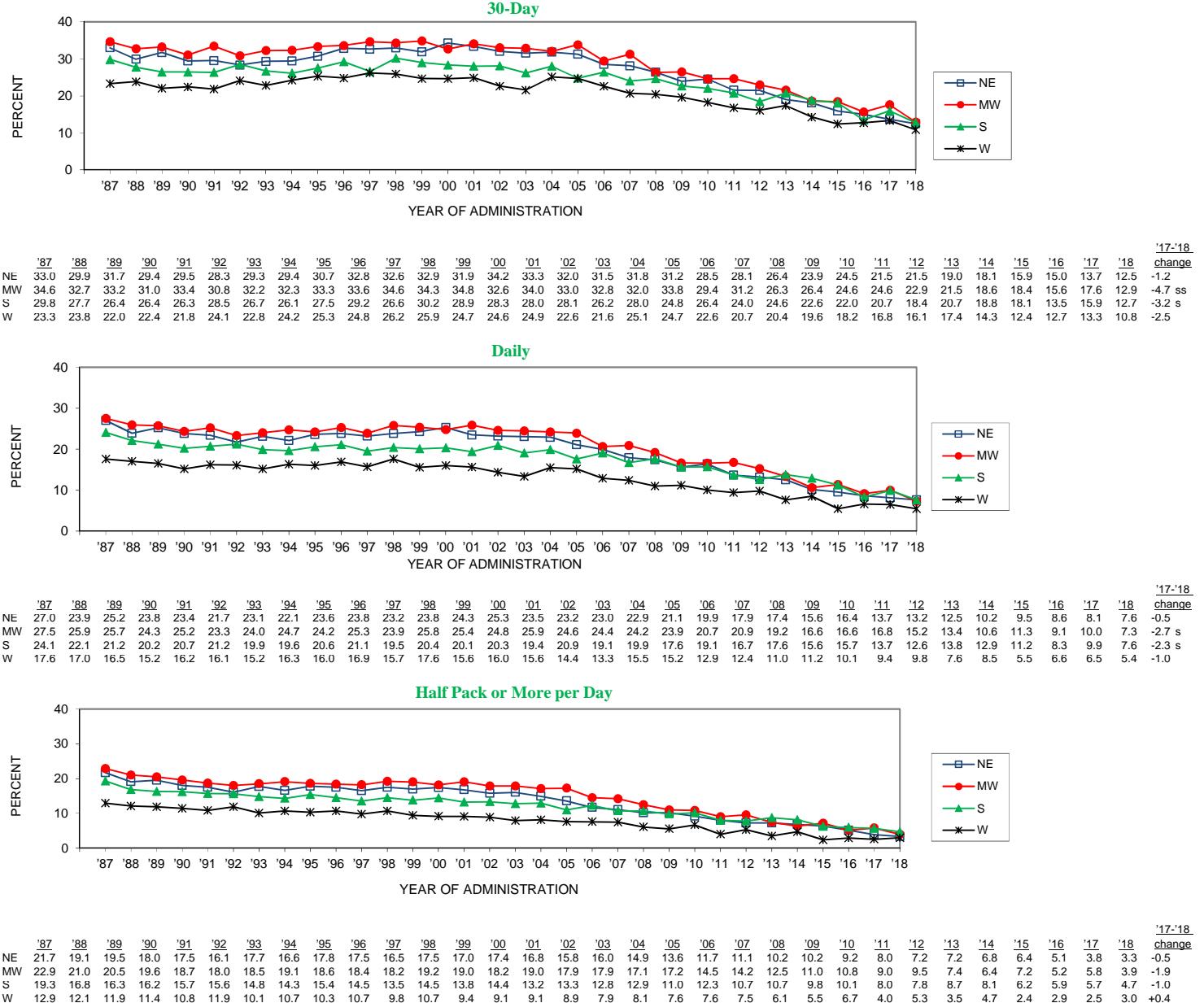


FIGURE 95
Trends in Thirty-Day Cigarette Smoking by Urbanicity (4 yr. Age Groups)

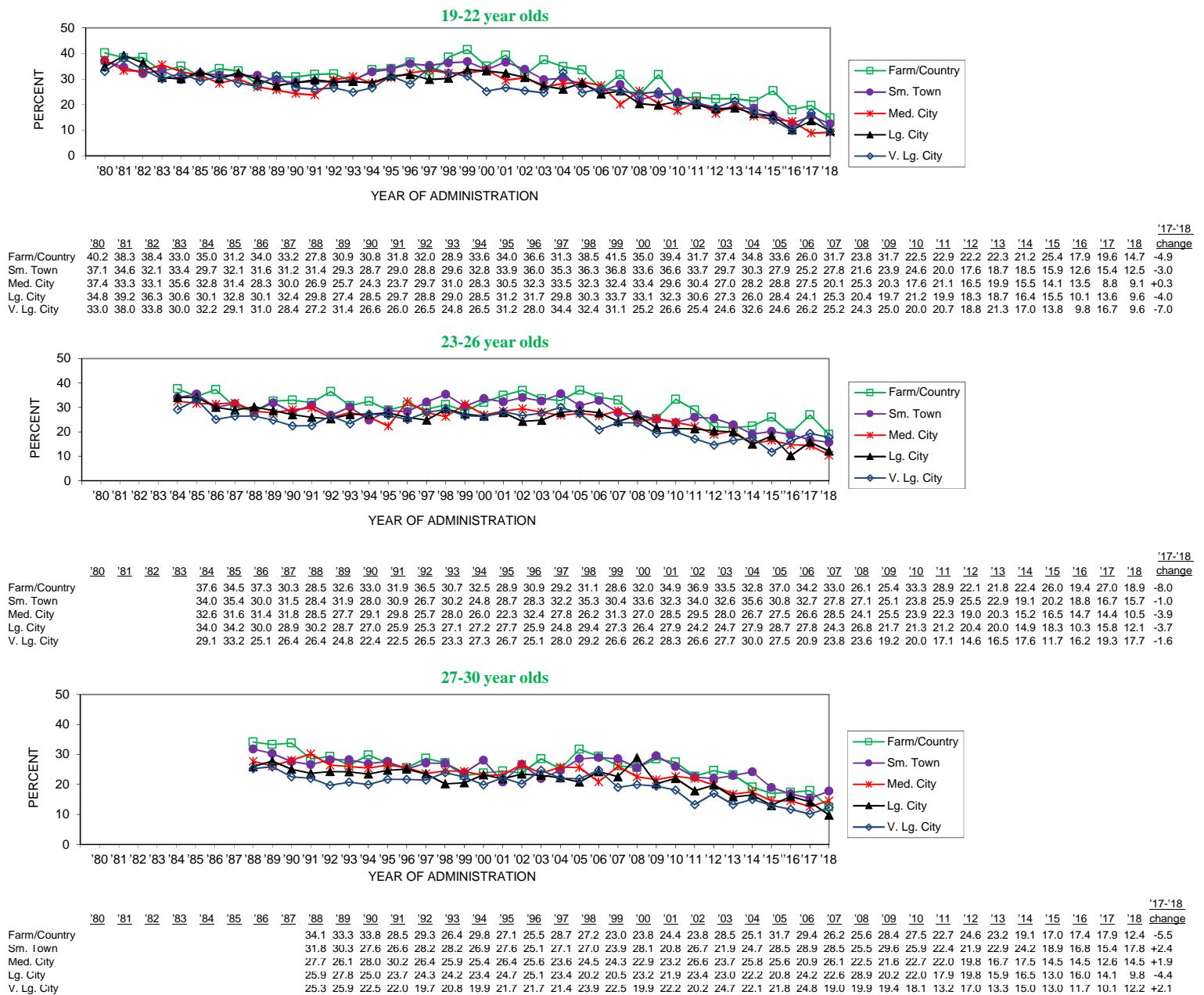


FIGURE 96
Trends in Daily Cigarette Smoking by Urbanicity (4 yr. Age Groups)

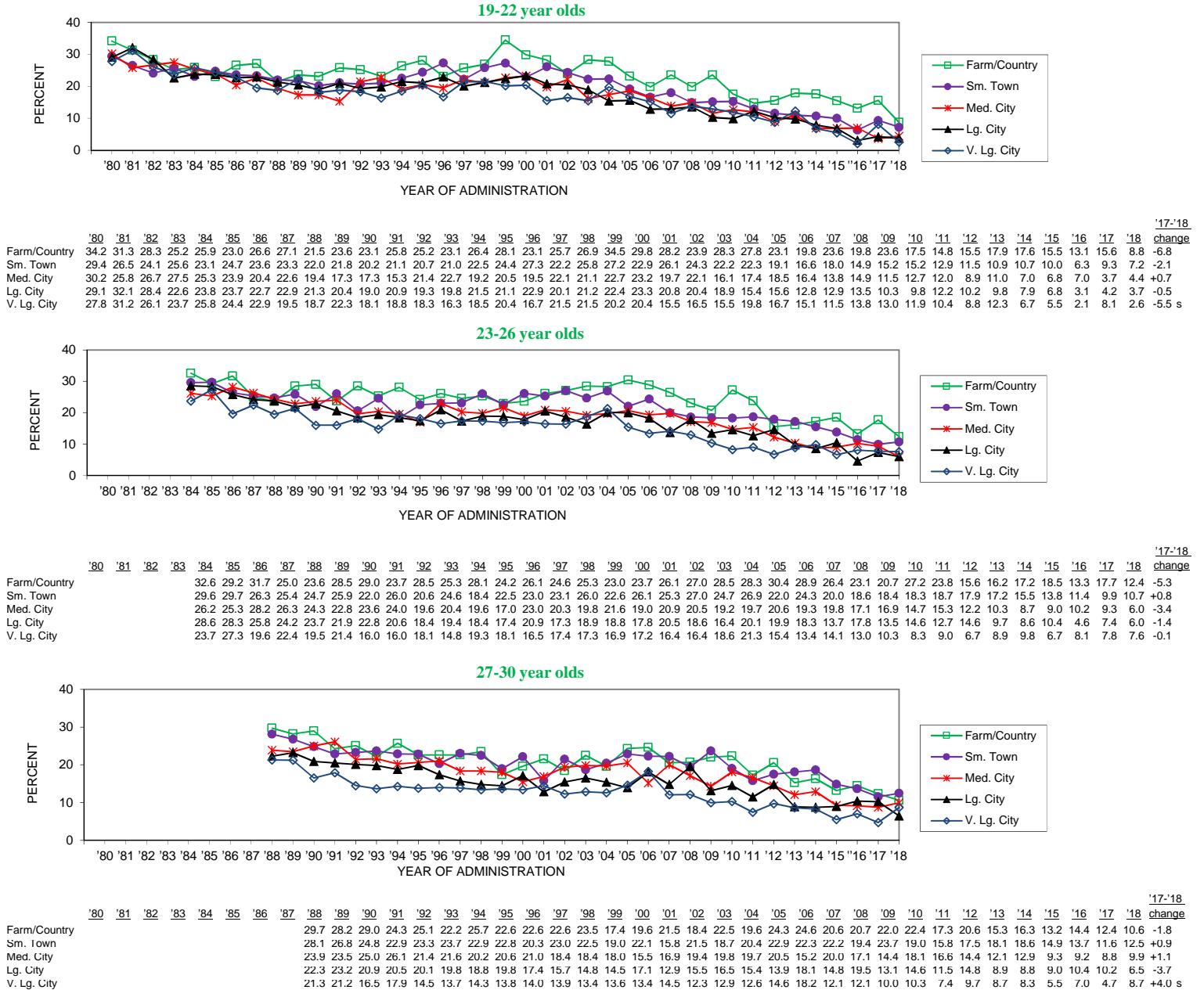


FIGURE 97
Trends in Half Pack or More Daily Cigarette Smoking by Urbanicity (4 yr. Age Groups)

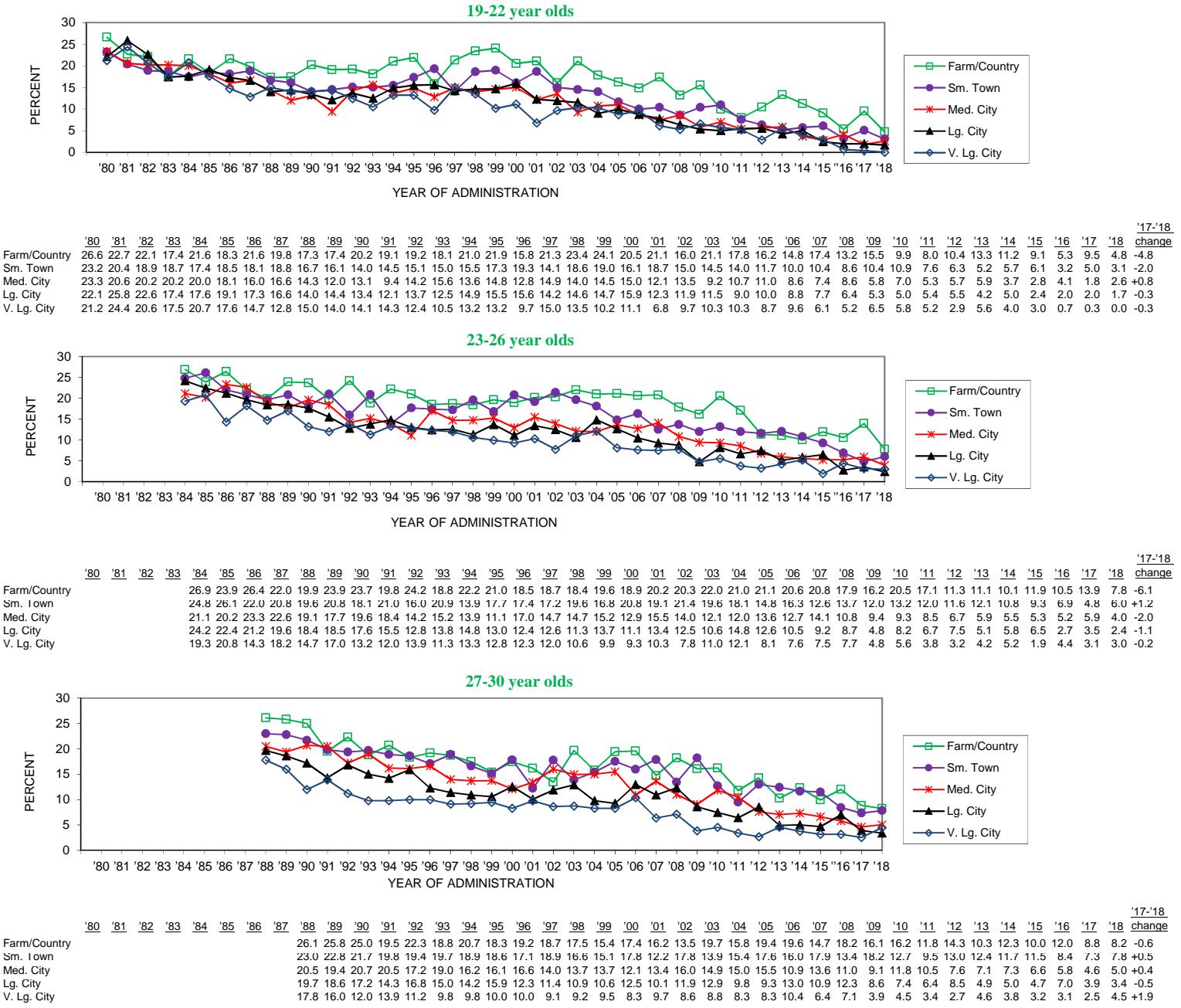


FIGURE 98
Trends in Annual Use of Tobacco with a Hookah by Gender (4 yr. Age Groupings)

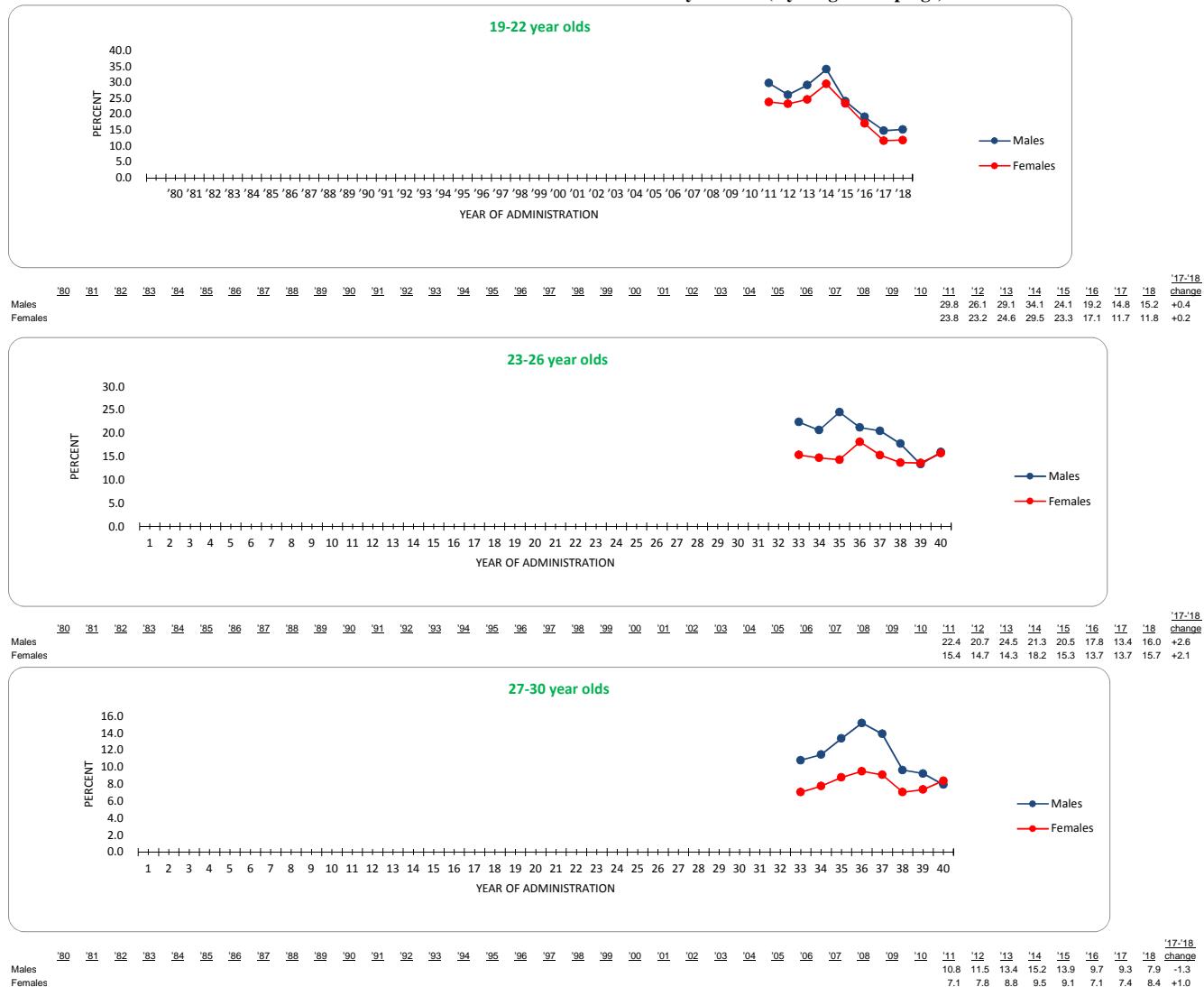


FIGURE 99
Trends in Use of Tobacco Using a Hookah by Region (1-10 yrs. Past High School)

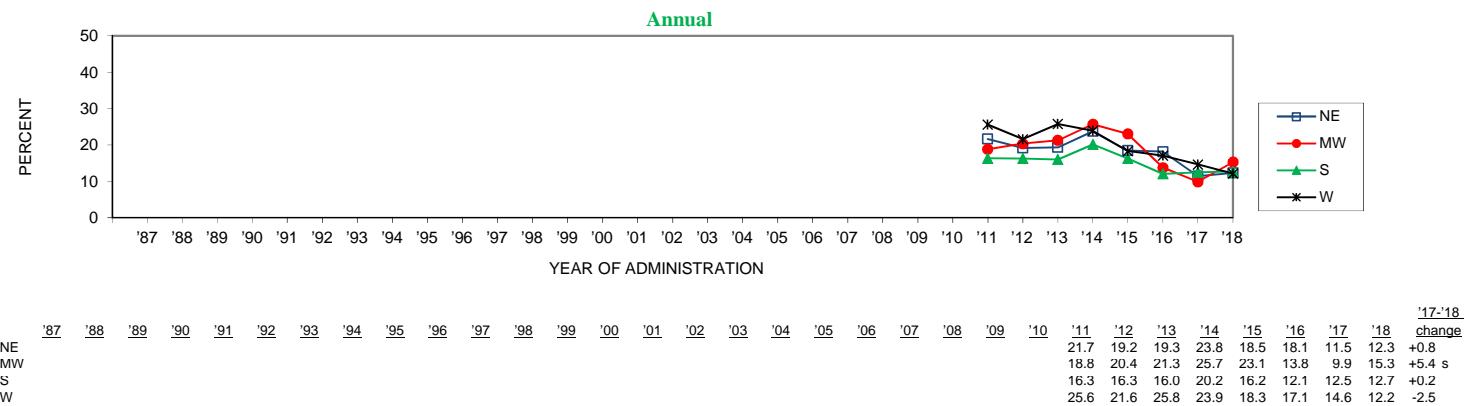


FIGURE 100
Trends in Annual Use of Tobacco with a Hookah by Urbanicity (4 yr. Age Groups)

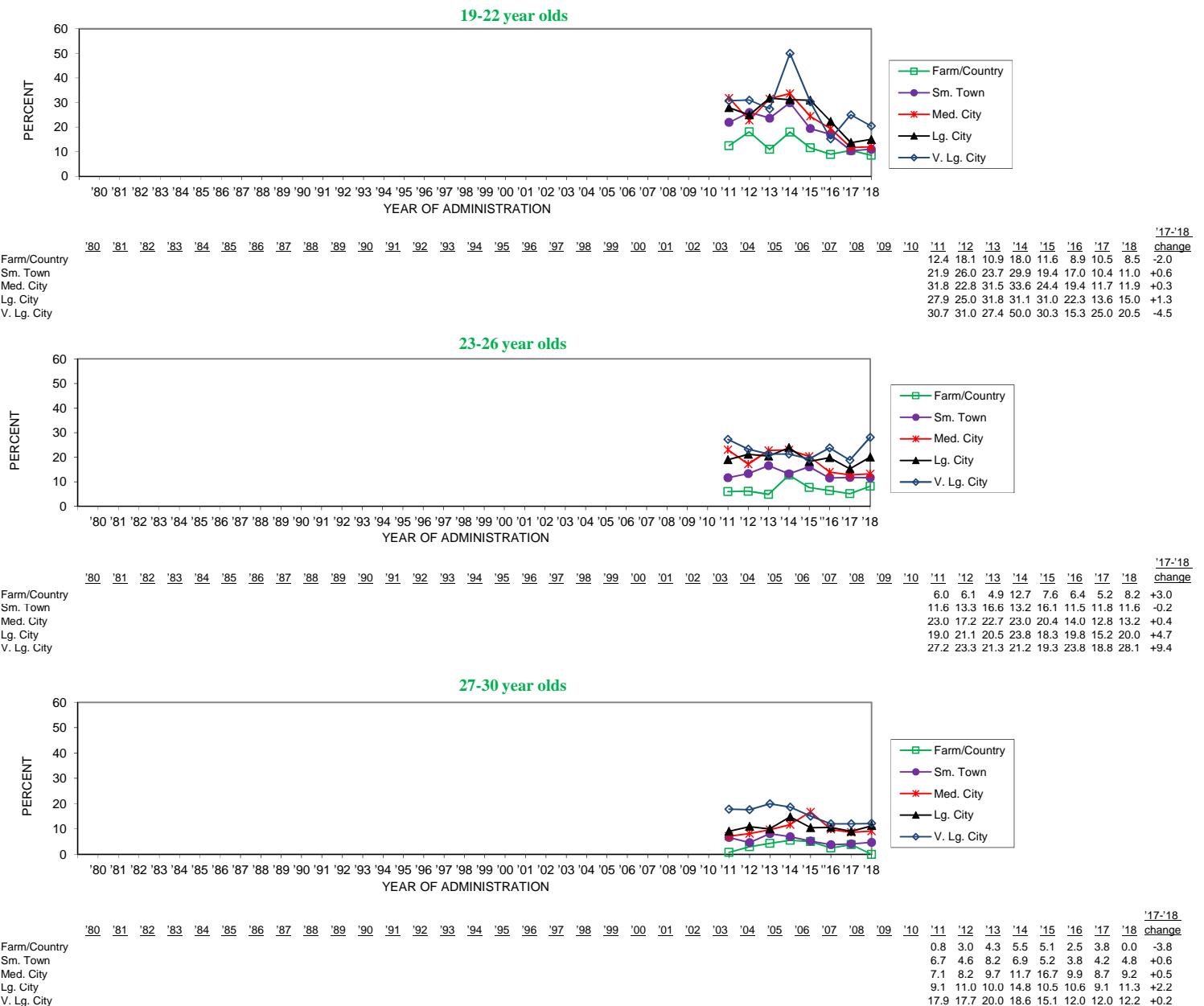


FIGURE 101
Trends in Annual Use of Small Cigars by Gender (4 yr. Age Groupings)

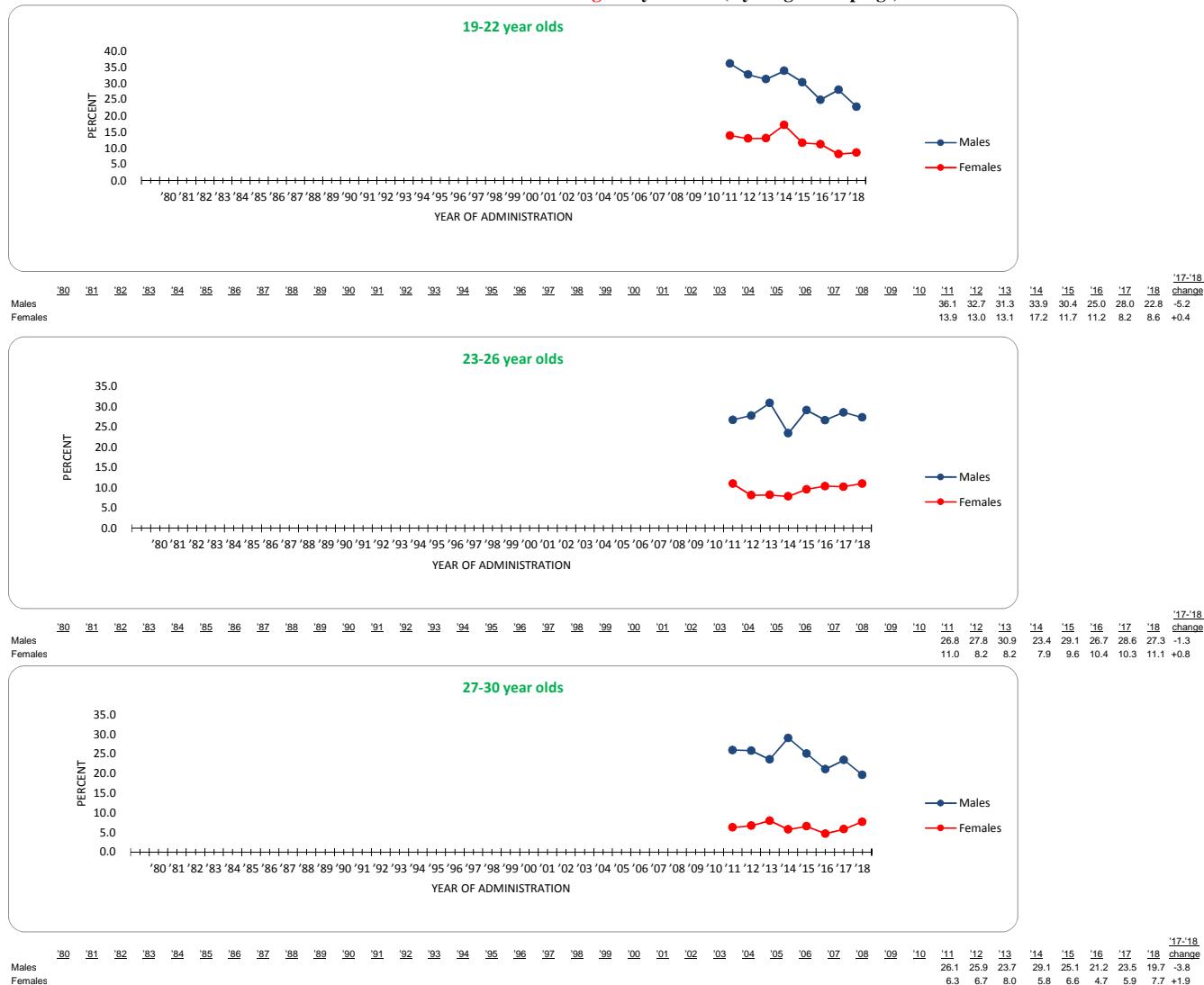


FIGURE 102
Trends in Use of Small Cigars by Region (1-10 yrs. Past High School)

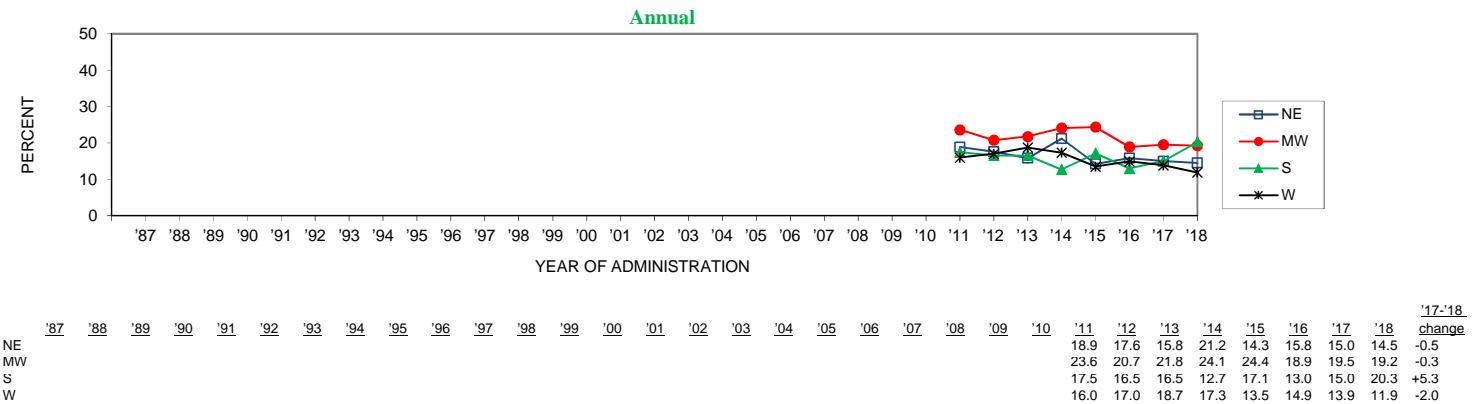


FIGURE 103
Trends in Annual Use of Small Cigars by Urbanicity (4 yr. Age Groups)

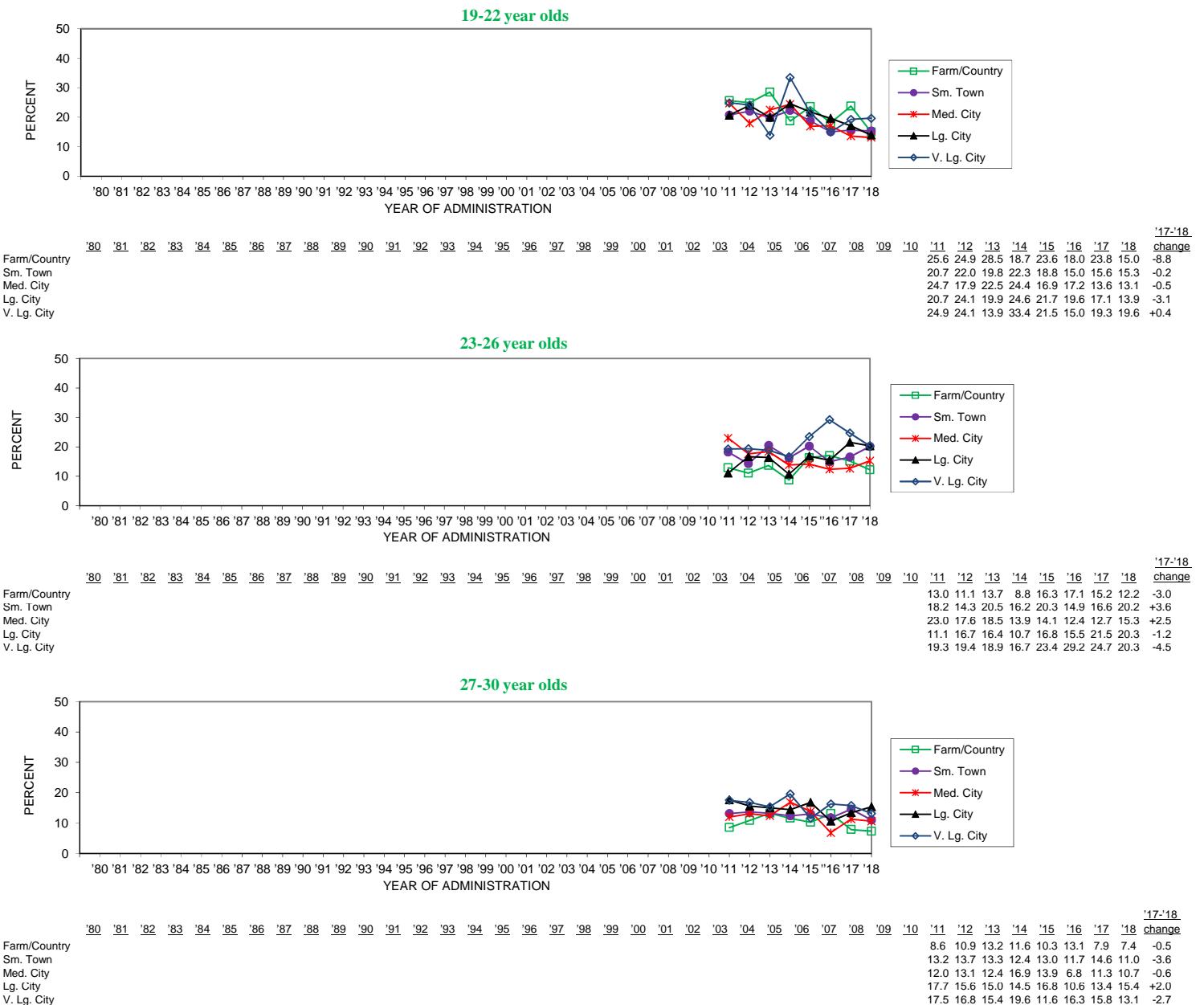


FIGURE 104
Trends in Annual Use of Dissolvable Tobacco by Gender (4 yr. Age Groupings)

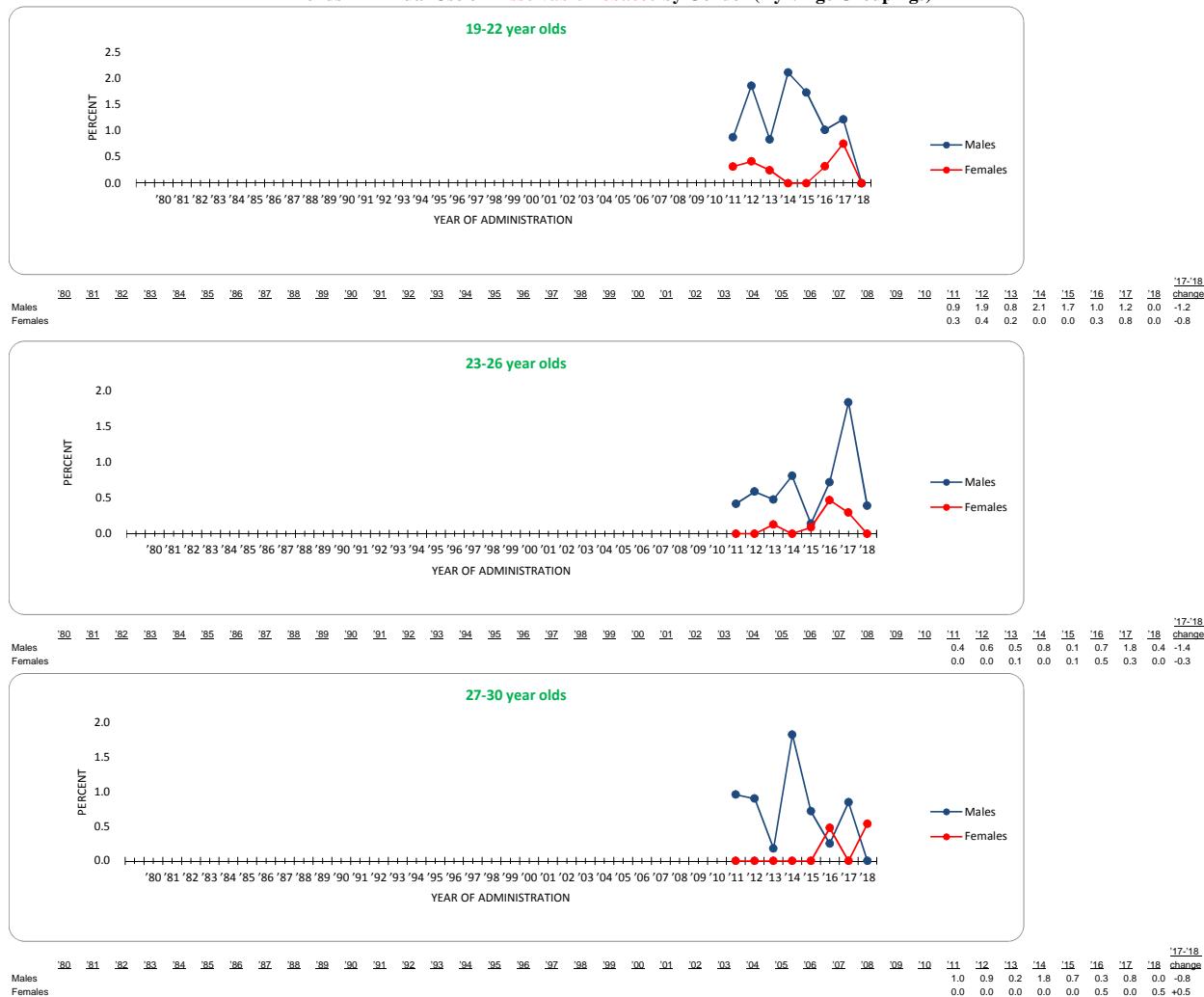


FIGURE 105
Trends in Use of Dissolvable Tobacco by Region (1-10 yrs. Past High School)

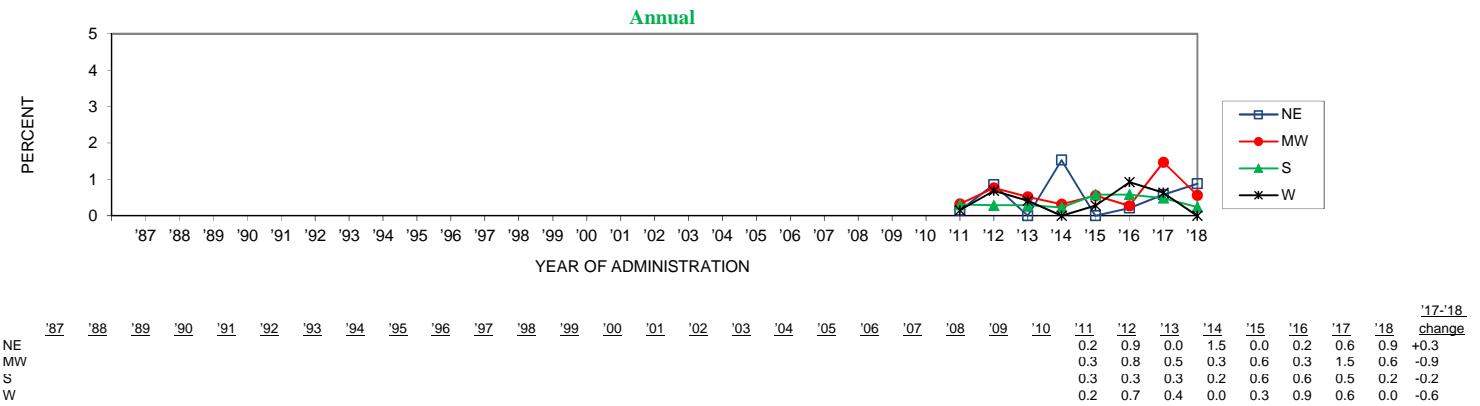
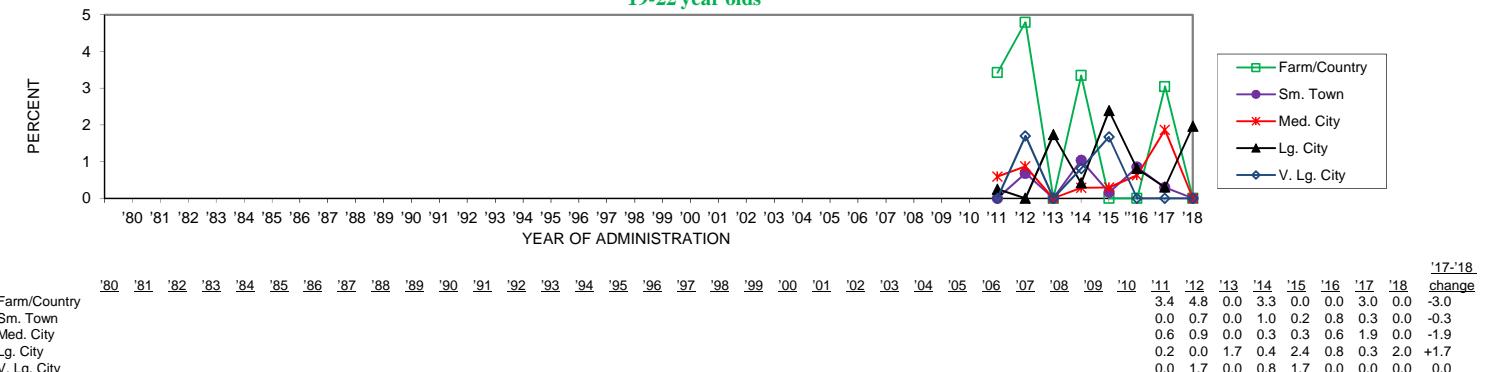
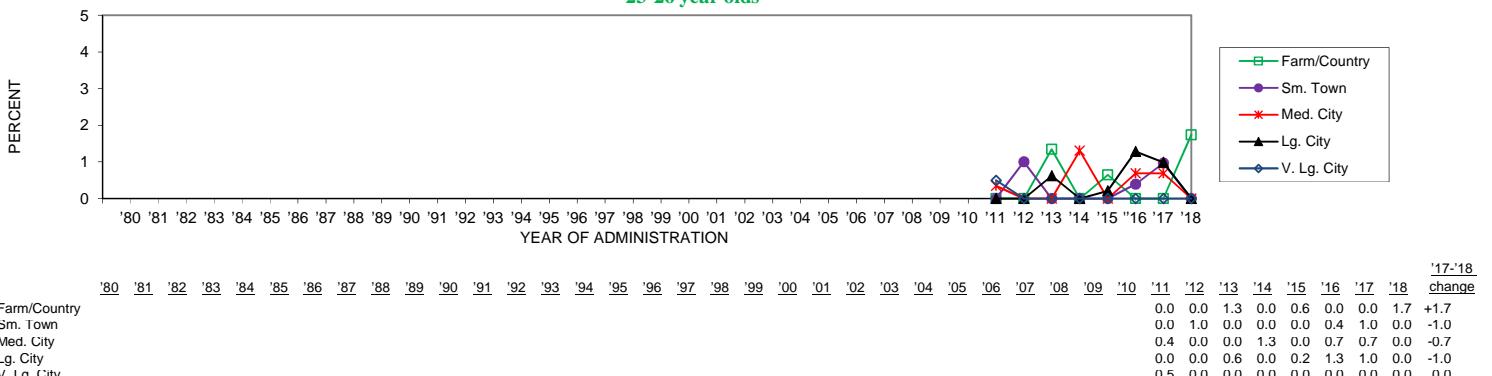


FIGURE 106
Trends in Annual Use of Dissolvable Tobacco by Urbanicity (4 yr. Age Groups)

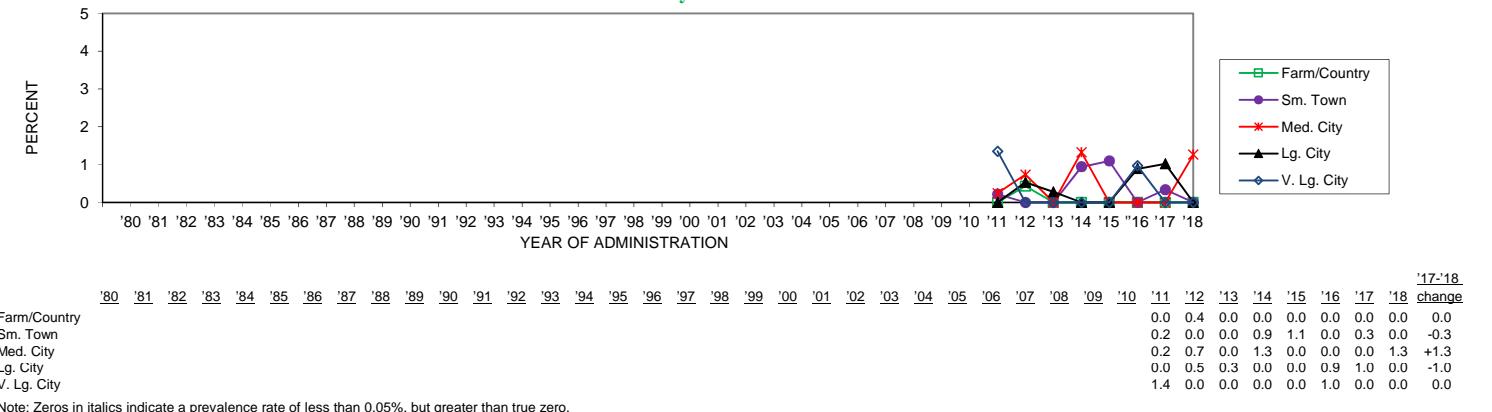
19-22 year olds



23-26 year olds



27-30 year olds



Note: Zeros in italics indicate a prevalence rate of less than 0.05%, but greater than true zero.

FIGURE 107
Trends in Annual Use of Snus by Gender (4 yr. Age Groupings)

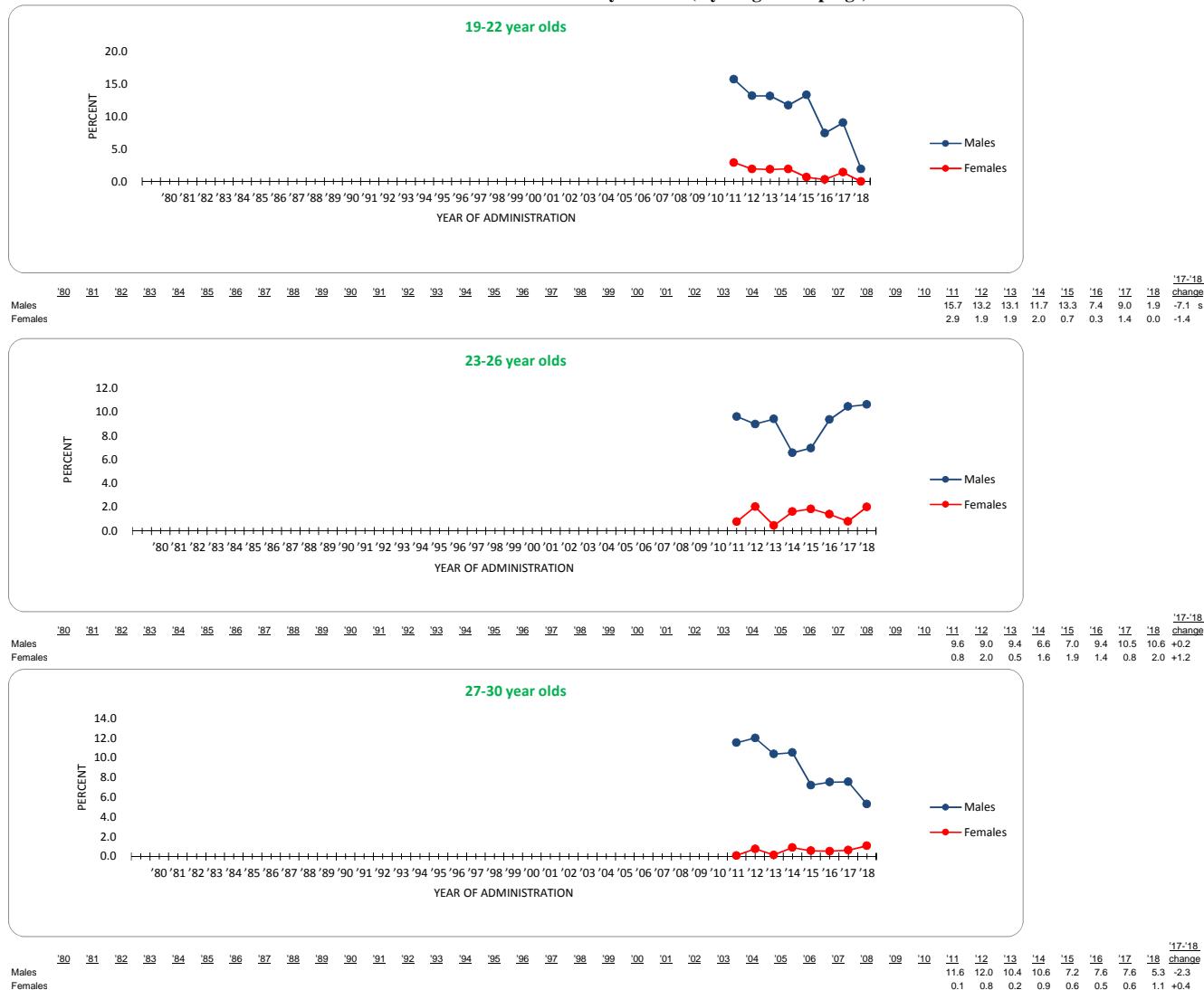


FIGURE 108
Trends in Use of Snus by Region (1-10 yrs. Past High School)

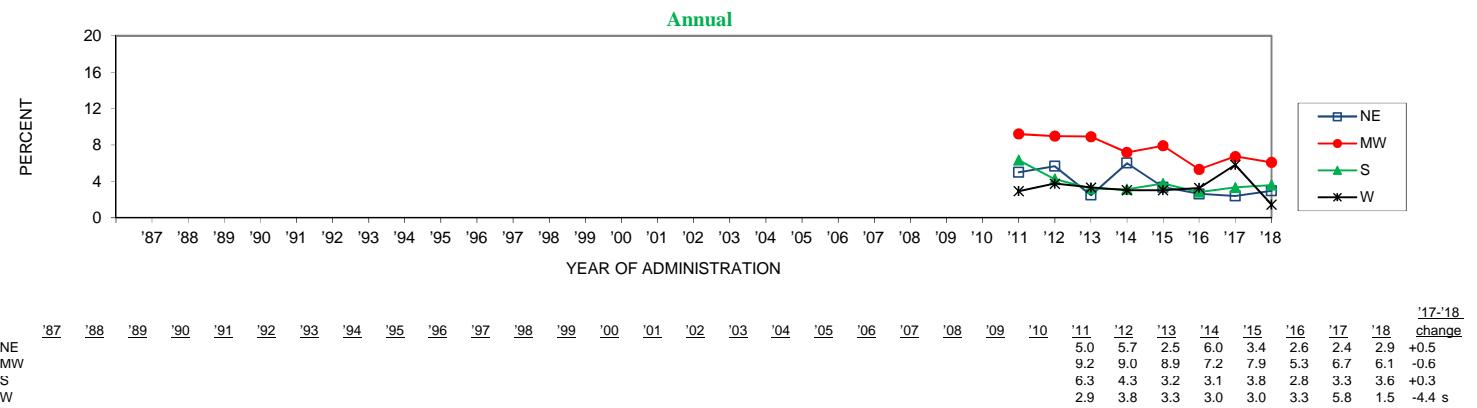
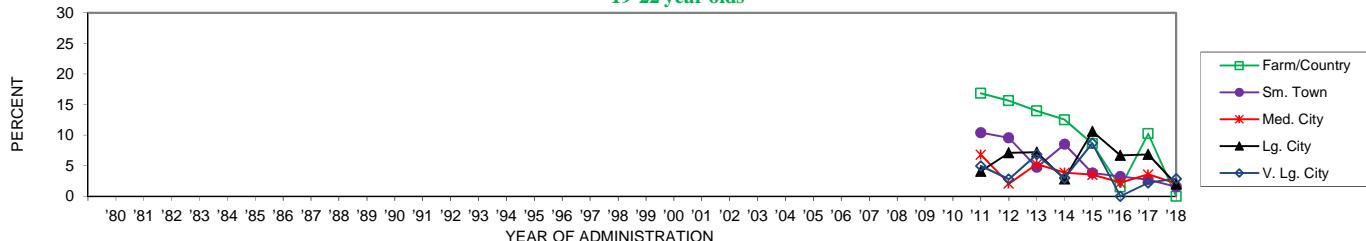


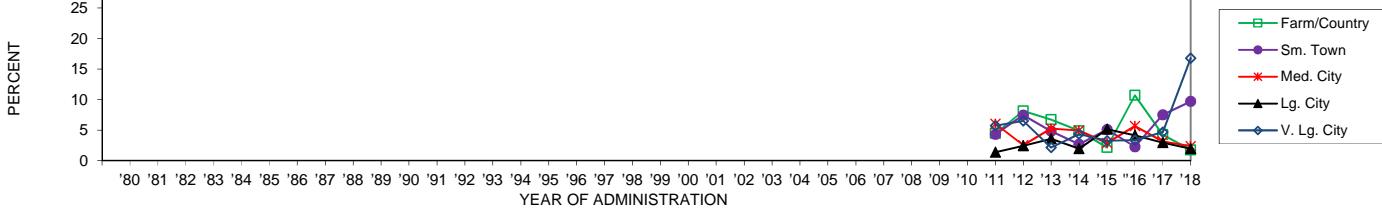
FIGURE 109
Trends in Annual Use of Snus by Urbanicity (4 yr. Age Groups)

19-22 year olds



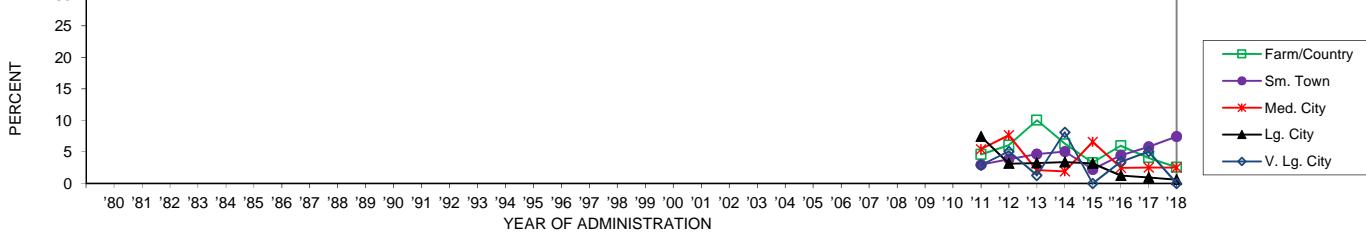
	'80	'81	'82	'83	'84	'85	'86	'87	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'17-'18 change
Farm/Country																																								
Sm. Town																																								
Med. City																																								
Lg. City																																								
V. Lg. City																																								
	16.9	15.6	13.9	12.5	8.6	1.5	10.2	0.0	-10.2																															
	10.4	9.6	4.7	8.5	3.8	3.2	2.7	1.6	-1.1																															
	6.8	2.1	5.2	3.8	3.5	2.2	3.6	2.1	-1.5																															
	4.1	7.1	7.2	2.8	10.6	6.7	6.8	2.0	-4.9																															
	4.9	2.8	6.8	2.9	8.6	0.0	2.2	2.9	+0.7																															

23-26 year olds



	'80	'81	'82	'83	'84	'85	'86	'87	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'17-'18 change		
Farm/Country																																										
Sm. Town																																										
Med. City																																										
Lg. City																																										
V. Lg. City																																										
	4.4	8.1	6.7	4.9	2.1	10.7	4.3	1.7	-2.5																																	
	4.3	7.4	4.8	2.7	5.1	2.3	7.5	9.7	+2.2																																	
	6.0	2.5	5.3	4.9	2.9	5.6	3.2	2.4	-0.8																																	
	1.4	2.4	3.6	2.0	5.1	4.1	3.0	1.9	-1.0																																	
	5.7	6.5	2.1	4.4	3.3	3.3	4.6	16.8	+12.1	s																																

27-30 year olds



	'80	'81	'82	'83	'84	'85	'86	'87	'88	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'17-'18 change				
Farm/Country																																												
Sm. Town																																												
Med. City																																												
Lg. City																																												
V. Lg. City																																												
	4.6	6.1	10.0	6.3	3.3	6.0	4.1	2.6	-1.5																																			
	3.0	3.9	4.6	5.1	2.2	4.5	5.8	7.4	+1.6																																			
	5.4	7.6	2.1	1.9	6.6	2.5	2.5	2.5	0.0																																			
	7.4	3.2	3.2	3.4	3.2	1.3	0.9	0.6	-0.4																																			
	2.9	5.1	1.3	8.1	0.0	3.4	5.1	0.0	-5.1																																			

Note: Zeros in italics indicate a prevalence rate of less than 0.05%, but greater than true zero.